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<210> 8154
 <211> 542
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8154
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 cataacacac gtagttaata acatgccggg atcagggttc aaccagcata cttgggatta 180
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8155

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 tgaattgtac ggtccctgga cgagcttata tcggaatatt gttatatagt tgctctatta 240
 tcttaccgca ggtcctccag cagaactgaa tctgggaaat tcggctgaca gccgagctgg 300
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 gcgtccctcc agaaataatg gaggatcctc cgaaccacag cagttgttga gaataaacgc 840
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<210> 8156
 <211> 869
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8156

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<210> 8157

<211> 845

<212> DNA

<213> *Aspergillus nidulans*

<400> 8157

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ctatcatcat gaaaatctag ctaatgatca aaggagatgt gaacgacttg cttattaaag 180
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<210> 8158
<211> 158
<212> DNA
<213> Aspergillus nidulans

<400> 8158
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agaaactgac agtggacgta tgtaaaccgt gacatccaca acctcgtgtc cgcagcgtgg 120
cgcaagacac gcaacgccat actccacgcc aagcatt 158

<210> 8159
<211> 468
<212> DNA
<213> Aspergillus nidulans

<400> 8159
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tcgccaacgg attcgttccg acatcgctgc agtctccagc ttcaacttta tcttcggctc 180
tatttaagat cgtcctggac cctccctaac atccaaacac accaccaagc ctatatactt 240
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agcgcttagt gcaccaaccc catcgcacag caattacaac gagagaca 468

<210> 8160
 <211> 691
 <212> DNA
 <213> Aspergillus nidulans

<400> 8160

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 agctctagag gaagaagaca acaccgggta ccgcgcccac cgccttgaac aattaagcgc 180
 agaatttgca acggcgcaga aatctagcag tcaaaagacc accctcggtg aagactcgct 240
 ctaccaact ctgaaaggcg atcaagtgct tctagactac acaactcaga cgcaacgatg 300
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 ctttgtcgtc gagaagttga aaatcagaat cctcccctgc gtaattgggt ttttggatgg 480
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 ggcgagaatc atcgccggtg acgaggagga attagatagg gacagtgatg atgacaacga 660
 tgcattggcag ggcagacgcg gtattcggac t 691

<210> 8161
 <211> 111
 <212> DNA
 <213> Aspergillus nidulans

<400> 8161

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<210> 8162
 <211> 1572
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8162

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 aactaccctg gcgaatccgg gagcatggca ttgccggaaa agcaaaaggc gcacagtcta 240
 cttcgcgga ggtgaaatga taagcaagag gtcgtcacia gcctcaatct tctatcatgt 300
 ctaggttgat tgatgatcaa agctactttt ccataattcc cattctgcca tcgcccactc 360
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<210> 8163
 <211> 368
 <212> DNA
 <213> Aspergillus nidulans

<400> 8163

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cgccgaacca atgcgacaat gggatcgacg cctgacgcta gaaacgtgtc aaatacagag 180
cagtagcaga acgcaaaatc gcgggagacg gagcaaagcc aggcaggata cccgaggtga 240
taaccaagc aggacgagag aggggtaagg aaaaaaaaaa tacatagagc agacacagcc 300
ctaccaggtg acctacccca ccaccctac atcgcgagaa cggggcaagg cgcaagaggg 360
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<210> 8164
 <211> 453
 <212> DNA
 <213> Aspergillus nidulans

<400> 8164

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acctagttct aaaaaaagct taaataaaat agtatattta gtaaaatata gtaactagtt 180
attagaataa aatttaaagt tatattttaa taataaaaca catatcacct aataattcta 240
aatatactag ttcttattat cctagtatat tttctactaa gattatatta tattattact 300
agatttccta gaatactaga aaaccgatat cataagctta ctaaaataaa tgtttaagta 360
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<210> 8165
 <211> 205
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8165

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 tattaactgg cgatacatat gtgtaacgaa gtccgtacgc gtcaagcggg tcatcgagct 180
 gcgcggacgt gccgtgcgaa ggcac 205

<210> 8166
 <211> 525
 <212> DNA
 <213> Aspergillus nidulans

<400> 8166

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 aacctcagct tcaccagact ctgcagcggg tggctcctca gccgccacta aaactggcgc 240
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<210> 8167
 <211> 399
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8167

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 caactccgcg gaagttattc tggagaacgt gtaacagggc gtgccgcaag tagaccacc 180
 agataaatat gtgcactaac ccctgattaa gaatacggag gccctcagtt actcatccga 240
 ggctcgtcat acccggaatg tggaagagca gcctgaagcg gggctgtcta ggacgcatac 300
 tcacgcgcca gaaaccagta cgccaccggt tcaccgtgca tgacatcctg caaaatgctc 360

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399

<210> 8168
<211> 154
<212> DNA
<213> Aspergillus nidulans

<400> 8168

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acggaagaag atgccgccac aactagagta gctg 154

<210> 8169
<211> 991
<212> DNA
<213> Aspergillus nidulans

<400> 8169

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<210> 8170
<211> 1051
<212> DNA
<213> *Aspergillus nidulans*

<400> 8170

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<210> 8171
<211> 1426
<212> DNA
<213> *Aspergillus nidulans*

<400> 8171

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<210> 8172

<211> 977

<212> DNA
<213> Aspergillus nidulans

<400> 8172

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<211> 1437
<212> DNA
<213> Aspergillus nidulans

<400> 8173

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<210> 8174
 <211> 1225
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8174

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8175

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<210> 8176
<211> 1425
<212> DNA
<213> Aspergillus nidulans
<400> 8176

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 <211> 972
 <212> DNA
 <213> Aspergillus nidulans

<400> 8177

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8179

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<210> 8180
 <211> 123
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8180

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<210> 8181
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8181

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8182

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 gaaacggggg ggtgacgaag aaaaaggga gcaagagga taagtctcgc cagagtcgcc 600
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8183

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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*
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 <400> 8185

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<210> 8186
 <211> 1022
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8186

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<210> 8187
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8187

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<210> 8188

<211> 908

<212> DNA

<213> *Aspergillus nidulans*

<400> 8188

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<210> 8189
<211> 830
<212> DNA
<213> Aspergillus nidulans

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gtaattacta gtttatgctg gtgtggggaa gcgacagtgc aggttacccc gcgtcctttc 720
cccacggggt tcgggatagg gttatcccat gagtcttgca acccggggca tacagggtct 780
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<210> 8190
<211> 768
<212> DNA
<213> Aspergillus nidulans

<400> 8190

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<210> 8191

<211> 914

<212> DNA

<213> *Aspergillus nidulans*

<400> 8191

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<210> 8192
 <211> 764
 <212> DNA
 <213> Aspergillus nidulans

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<210> 8193
 <211> 977
 <212> DNA
 <213> Aspergillus nidulans

<400> 8193

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<210> 8194

<211> 1002

<212> DNA

<213> *Aspergillus nidulans*

<400> 8194

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<210> 8195
<211> 347
<212> DNA
<213> Aspergillus nidulans

<400> 8195

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<210> 8196
<211> 1484
<212> DNA
<213> Aspergillus nidulans

<400> 8196

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 <213> Aspergillus nidulans

<400> 8197

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<210> 8198

<211> 745

<212> DNA

<213> *Aspergillus nidulans*

<400> 8198

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 <213> *Aspergillus nidulans*

<400> 8199

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<210> 8200
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8200

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<210> 8201
<211> 1854
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8201

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<211> 720
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 8203

<211> 1375

<212> DNA

<213> *Aspergillus nidulans*

<400> 8203

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<211> 105
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8204

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<210> 8205
<211> 212
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8205

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<210> 8206
<211> 884
<212> DNA
<213> Aspergillus nidulans

<400> 8206

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 <213> Aspergillus nidulans

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<210> 8208

<211> 111
 <212> DNA
 <213> Aspergillus nidulans

<400> 8208

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<210> 8209
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8209

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<210> 8210
 <211> 1194
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8210

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8211

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8212

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<210> 8213

<211> 713

<212> DNA

<213> *Aspergillus nidulans*

<400> 8213

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<400> 8214

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8215

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 <213> Aspergillus nidulans

<400> 8216

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 <213> *Aspergillus nidulans*

<400> 8217

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<211> 645
<212> DNA
<213> *Aspergillus nidulans*

<400> 8218

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<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
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<210> 8220

<211> 1076
 <212> DNA
 <213> Aspergillus nidulans

<400> 8220

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8221

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<400> 8224

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<210> 8225
<211> 136
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8225

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agagcgatca cttccc 136

<210> 8226
<211> 1256
<212> DNA
<213> Aspergillus nidulans
<400> 8226

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8227

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1887

<210> 8228
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<212> DNA
<213> *Aspergillus nidulans*

<400> 8228

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<210> 8229
<211> 502
<212> DNA
<213> *Aspergillus nidulans*

<400> 8229

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<210> 8230
<211> 1045
<212> DNA
<213> *Aspergillus nidulans*

<400> 8230

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<210> 8231
 <211> 1008
 <212> DNA
 <213> Aspergillus nidulans

<400> 8231

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<210> 8232
 <211> 1382
 <212> DNA
 <213> Aspergillus nidulans

<400> 8232

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<210> 8233
<211> 650
<212> DNA
<213> *Aspergillus nidulans*
<400> 8233

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 <211> 128
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8235
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 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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<210> 8236
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8236

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<210> 8237

<211> 178

<212> DNA

<213> *Aspergillus nidulans*

<400> 8237

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<210> 8238

<211> 1246

<212> DNA

<213> *Aspergillus nidulans*

<400> 8238

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<210> 8239
<211> 797
<212> DNA
<213> *Aspergillus nidulans*

<400> 8239

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<210> 8240
<211> 1191
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<213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 8241

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<210> 8242
<211> 903
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 8243
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<212> DNA
<213> Aspergillus nidulans

<400> 8243

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<210> 8244

<211> 931

<212> DNA

<213> *Aspergillus nidulans*

<400> 8244

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 8245

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8247
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 <212> DNA
 <213> *Aspergillus nidulans*

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 aacatggtct taaggaaacg gaaaaccgc gtgtttctca ggaaataatc cgttccaacc 660
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<210> 8248
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<212> DNA
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8249

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8250

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 <213> Aspergillus nidulans

<400> 8251

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<210> 8252

<211> 120

<212> DNA

<213> Aspergillus nidulans

<400> 8252

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<210> 8253

<211> 1534

<212> DNA

<213> Aspergillus nidulans

<400> 8253

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 <223> unsure at all n locations
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<213> Aspergillus nidulans
<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans
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 <211> 1195
 <212> DNA
 <213> Aspergillus nidulans

<400> 8257

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 <213> Aspergillus nidulans

<400> 8258

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<210> 8259
 <211> 1216
 <212> DNA
 <213> Aspergillus nidulans

<400> 8259

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<211> 140
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8260

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<211> 1299
<212> DNA
<213> Aspergillus nidulans
<400> 8261

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<210> 8262
<211> 1880
<212> DNA
<213> Aspergillus nidulans

<400> 8262

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8263

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 ttcagggctt gatgttgctc aggggtccga cttttggtca tgacgtcacc tatgaacggg 780
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 tgacgcagtg cttgacccta cgtcacgcc tactacgaag ttgcttgctt cagcctaag 960
 gcagccataa atgaaatcta accctgagaa agctgcattg aagagcacga caaaatgatt 1020
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<210> 8265
 <211> 1572
 <212> DNA

<213> Aspergillus nidulans

<400> 8265

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agtaatttgt tttgggttga tggatcgcg caagtgccca attgtcgtgg ttttaagtccg 180
caccgcgtca agattagcgc gagcaaccgc attggttga attgtgaacc agatcaagcc 240
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gttgaagtcg tcttgattga tcgcatctcg atagtccttg atagcaaata gaccctttt 480
caacgttagc aatgaccaag tacaaaaaca agggcatgac atacgcttct gtcacaacat 540
tacggagatc agcaccgttt agtccatcgc tcattttcac aacactttca aaatcaatgt 600
cgccctccat ttgcacagta ctggaatgaa tcttcaggat ctcaagacgg ccgacctcgt 660
tgggcaaagg aatctcaatc ttccggtcta gacgaccgc acgcagcaaa gccgggtcaa 720
gtgtgtccgg ccgatttgta gccatgataa tctttgtctt cccaagatag tcaaaacct 780
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 cttcttggaa ac 1572

<210> 8266
 <211> 294
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8266

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 acattgaagc agtggagatt gcggttagcc gccgccagca cagtgatgct tcgtgtgtgc 180
 gcctgcaaga attgaagtgg gtaatatctg cgacttantt cctcnattac ttatatgagt 240
 gcctgtatcg agtcagcaag aatggtgatg accttggaga catatgtgac aaag 294

<210> 8267
 <211> 113
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8267

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 caagcggacc tnattcgacc gtcaagcgca aagagtccag acgtggagac agc 113

<210> 8268
 <211> 1125
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8268

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 atcttgatcc tgcagacctt gaaactgtgt gcatcgaaac cataaagaaa ccaaggatcg 180
 cttgtgtgcc ccagtctgat tggcgggtgc tttgagggac tcgtatcctc caccaagtta 240
 gtgccatcga ggaactccag gcacagccac atcttgccgc ctcatttaaa tcctgttgct 300

gctcttcgta cgcccacttg cgagctcttt ttactgctgg ctgggtccatg gaggtagacca 360
 aacatggcca agcaaatacca accaaaaccc agcgactcgc ccacctcat tcccagctt 420
 cagtggctca ttttcaattg cttatcggtc gatgataaag tctctttcac cgagatcggg 480
 ctatttcacc cggatctctt gaccagccac ggccagacga atacatacga ccaacacggc 540
 cgaacgctcc tccacgtcgc cgcagagaaa ggatgcgtaa gggcagcgc cactcctct 600
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 cgctaatact tgccgcccag caagagaaca aggaactcgt gaacctgctc ctgagtcag 720
 gagccgacgt taatgactgg gactacagcg gcataacggc actccactac gccgtcatac 780
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 tctctgtggc gcacggagcg gatgtcggcg ccagcaagcg aggcctgtcg gcgctcgaca 960
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 tgaacgatcc cgtcgagggc tggggcttgt tcaacccaac gctgatggc gccggcgggc 1080
 cgcgtcggc agatgctgct gagatagtag ttgatcacag cattc 1125

<210> 8269
 <211> 285
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8269

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 gatggacgtc gaccgacgaa agccggtgct ctagcaggcg cgcagcagtg cactatagcg 120
 cgtagacggc cgcagcagcg gacgttacc cttgaccgc ggcggtgggc gacgctgata 180
 cctgtcgatg accaagggtcc ataagaatcc ctcagggtt tgacgatagc tggatatcgg 240
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<210> 8270
 <211> 145
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 8270

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 cctggctggc tattgtgatg ttataaaaat acaaataagt taagattaaa aggaggggac 120
 atagagggt aatgggggcg ggaaa 145

<210> 8271
 <211> 676
 <212> DNA
 <213> Aspergillus nidulans

<400> 8271

ttgaacgcga tcgaaaccga ctgtctatgg tcagtgtctg tgggcctcgg ctgagtgaga 60
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 tgccggacgg agaacaagat gaaactatca tcagtcattg cgcgttcgac aggggggtaag 180
 ctaaaacatc tgagatattc tcgcctatag ttcctaacca tattgcagtg gggaaaacgga 240
 agaccttggg cgatttaact ttgatctcaa ctttccatca cctgctgccc agcccgatga 300
 tctggatgcg gacgaacca taaatgatga tgaaggattt gaattaccag ctatcgacct 360
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 agaaactctc gcggcatggg attccagtc ccaccctacc tgccggtgtc gtcaagaagt 600
 tggctacgcg gtttgctcgg gctcgagctg ggccaaaggc gaagatcagt aagagcacgc 660
 tggcagcgat tgagca 676

<210> 8272
 <211> 107
 <212> DNA
 <213> Aspergillus nidulans

<400> 8272

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 cgaaagcaaa actctcgcga aacgtcgaat tcggcacggc acaaac 107

<210> 8273
 <211> 663

<212> DNA
<213> Aspergillus nidulans

<400> 8273

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ttggtggtat cgtcatcact tcaacattcc ttggatgcgc ttgtgctgcc gtacaaaatc 180
aagttgcggc catatcacgc cegtctcctt atatttgtct tcgatgagtt cgttagtgaa 240
gagcctgtga tcatttactt tatttctcgt tcccaatccc aagctcagtc gatttctgcc 300
cctctttggg cctcttcccg ccagctcccc gcgcaaatac tcacgaagaa caggtaagct 360
gccagcctgc agttgaacaa ggggactctt ttgttctttt atcatttttg tcaaagcggt 420
ccacgtgtct tcaggctcaa cttctcttat tctctaattc tgttttgatt cctatcgctg 480
tcgaagtctg cctgtccaac cttcacccgac gtcattgggt tgctactttc taactgcttc 540
atctctagta aagttccttg catatttctt catcgagtga actagcaacc atctacctac 600
ccaaccggaa catactcgca gcctctaagg ttccgcattt atataacctg cgccaggccc 660
ggc 663

<210> 8274
<211> 950
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8274

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tcctgcagct gctcaccttg agaatcgacc gactgatatt gcagtttggg ctcgattggg 180
aagggccacg ggcccgaactg gttcttatgg ggtegggtgca tcagggatta ggggggaact 240
agcctcctca gtgagatttc gccgatttgt ccagggttac tctttgaaac tagggccgcg 300
tatatacccg gtagtatact tcgatgccga cttgggtggg acctagacct ctgttccaac 360
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<210> 8275
<211> 913
<212> DNA
<213> *Aspergillus nidulans*

<400> 8275

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cattattgcg agcttttcga aagcctttgt gcagccgctt caccggtttc cagcacggca 180
gtagataatc cagcggcttc ccatcaggct gactcgacgc cgcttccagc agagcctgat 240
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gcggaggtgg ggtgttcgag acgggtgtca ctgttccgga ttgcggtcgc tgctcggcgg 480
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.913

<210> 8276
<211> 121
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8276

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cattttaact atcaaccaag cggatcgacc ttgagtcccn nnttttcnca gaccgagggc 120
g 121

<210> 8277
<211> 1692
<212> DNA
<213> Aspergillus nidulans

<400> 8277

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aaaatagctt ttattccctc tttcctgcca tcgcggggca cgccgctttc ggagccctta 180
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<210> 8278
<211> 1099
<212> DNA
<213> *Aspergillus nidulans*
<400> 8278

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gtcgcagcgg gtgggcccact ggtgcttcta cggagtgcgc tcgccccaga tattcttgat 420
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<210> 8279
<211> 1075
<212> DNA
<213> Aspergillus nidulans

<400> 8279

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gagaaccaat ctttccaaaa agcaaaaccc ccaatattag ccagccccgc gtgctacagc 180
gtacgcttct aaaataaaaag gtcgagactt ggaggggcct tgtccccta ccggagggtc 240
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gttgaggtgc cgcttggtg tattgaacgt tgcttccagt agcttctccc taaaagaacc 480
ctgaaagtgc tgaaataaac catgctcatt cgacaaatgc cattccagcg aggcctcaat 540
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 ctcacgctcc cgaaggtcta ggtaccagtg tcgagatgat tccactggac atcgcccttt 1020
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<210> 8280
 <211> 622
 <212> DNA
 <213> Aspergillus nidulans

<400> 8280

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 tccggatacg ggttacgttc aaggtatggc ggcgctcgcg gcgacactcc ttgcttacta 180
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 agtttgggat gtctttatgc tccttggcga tgccgaggac gatcccaagt cgggcaaacc 540
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<210> 8281
 <211> 154
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8281

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 cgaacatcat cgagagatga caactgatag tatntatgct tcgcaaggac attgccagca 120

nctggcgcca nggcagacgg cagcccagca tctg

154

<210> 8282
<211> 101
<212> DNA
<213> Aspergillus nidulans

<400> 8282

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attgacatat aggaacgaga cacgcgacaa atgctttcat a 101

<210> 8283
<211> 963
<212> DNA
<213> Aspergillus nidulans

<400> 8283

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gatgttggtg agtctgctct aagtaccagc cgatctcaac gaggagatag tgggagccaa 120

gggccgctcg cacaagctac agcaaacctg cccccgccgc gaaggagct tccctttgcg 180

aagaaaacgg aaaaggatcc cgggcctggg catctttcct cgcgagcgtg gcaggattca 240

gttgaatccg gaggggagac agatgacgac gaactgtagc taacgcccct tttactataa 300

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ttcggtaatg taagactaac gtcttcgctt gggcctgcaa gttaagacgg ttggttaaga 420

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actataggaa acgaggggaa acaataatac aattaaacag ggaccaacaa cagtgtttag 660

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gctttttaac catacatgtg ctgcggagac acttcaccac ctgtagacat gtagttcaca 780

tcagggtttc cagagacctt agctgccgaa gcgcgagcca ttgtcggcga actgcttaat 840

ggttaacatt aacttcaaag agtgaggagt ttttgatcat accttctgga gatcgaatct 900

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963

<210> 8284
<211> 629
<212> DNA
<213> Aspergillus nidulans

<400> 8284

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tcctttgggc cagtcttgaa ctgaatcatg gcaccttca cagcggcatc cacgtacttt 360
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ggaagggtact caatgactga caccaaaagt gctgtggaga gcggtagcca ctgcgagaac 480
aaagtggcca tgatgttctt tggatcgcg gatcgtaaga tgtacgggtg aatgttaata 540
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gcaaaagaaa cagtgtgctt gatcatacc 629

<210> 8285
<211> 804
<212> DNA
<213> Aspergillus nidulans

<400> 8285

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gaaggctccg tagccaagcc agatcgtcca ctttcaagta cggtgtctct gtcaaagcct 180
cctcctgtgt gcgaaccttc atctgcgggc tatgcggcct agaaagtcag cccgatgtgc 240
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gaagaacgcg cggacgagtg gcctcaaate ttcatactg ggcgcctgag tactgacccg 360
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catactactc cccttaagca gggcaaaatg atccgtcact agtcgaatcc cagtaggaac 540
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<210> 8286
<211> 1100
<212> DNA
<213> Aspergillus nidulans

<400> 8286
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tccaaccgca tgacctggtt ctagggaaaa tggaaagggg gtaacaatac acaaggggag 180
gaaacttcca ggacaagggtg aatggccaac cgcaagtcaa aggattaagg tcaggtaggc 240
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<210> 8287
<211> 1400
<212> DNA
<213> Aspergillus nidulans

<400> 8287

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gccattgaag cctttgacaa atggattatt gtaagtcgtc acgctgtgcg cattgaatag 480
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gcctggaatg gagacttgcc aaggtcttat tgtccagcca aggaagttac cagtatacca 1260
gcaagtgaac aacatggaag tattattgct attcagtact gtcaatggag aatttgatac 1320
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<210> 8288
<211> 761
<212> DNA
<213> Aspergillus nidulans

<400> 8288

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ttcgcggtga gaaaatcaac tcgtccgagt gaagagtata tcagggcgaa ggtcgccccc 180
tcagtcggcg cccattggaa ataccaggag gcggaacggt ttccctcccc tccatcatgc 240
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cttccatctc ctttgttggt ctacggcgag acttgaggac ctcatgagac tccgtgctag 660
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<210> 8289
<211> 735
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8289

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acgtctctccc gaataccctc cctaattcttc ctccaggagt gcaaaatccc cactcattt 180
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<210> 8290
<211> 544
<212> DNA
<213> *Aspergillus nidulans*

<400> 8290

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agatatcccc aatgagcgat tcgcaagggt ccaaaggtag tgggtggccc cgtcaaagtc 180
cgccgggaga ctctgaaca atctttggcg ggacattgct gccagcgacg ttgataacat 240
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ctacaaccaa ctacactccc cgaatagtgc ggtatgcct acgtccagtt cgacttttgg 420
aggccgtcca agttttctc cagctgagat actggacatg gctcttgact tatactttcg 480
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tctc 544

<210> 8291
<211> 414

<212> DNA
<213> Aspergillus nidulans

<400> 8291

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gcggaacgag tgctcgacca gacctagaac ccgtatctca tagtcctctc gtgcgtccat 180
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gtcaccttta taccagagac tgcggcatag acaggaagga tactgagtgg catgtctcga 300
gcttctatga cttcgtcatc gaaatacatc caagcacgaa taaggccggt catcatgtga 360
gttcctaagg cctacaggtg ctcaatagca agatctgtgc gaaagtttgt cgat 414

<210> 8292
<211> 109
<212> DNA
<213> Aspergillus nidulans

<400> 8292

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cggttaattgt tgagccggta ctagatgtag acagagatga acggctgag 109

<210> 8293
<211> 577
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8293

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cccgtaacc ccagcccagg atgacaaagc ggtacaatat ccggcgtctt cttcgcggcg 180
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cgttttgaaa tgggcttttc atcaatcagc gtcatatgga cgttttgcga gcgattgaga 360
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gttcctcgca cgaagttgtg gtacgttcgc gatggtaaag tcggacttgg gtagccattg 480
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acgacatgga ggcgaagtac cttatatttc tctggggc 577

<210> 8294
<211> 512
<212> DNA
<213> *Aspergillus nidulans*

<400> 8294
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agttttctcc gcagtactgc cgcagatttt ttagtttata ggggctcgag tgggtgtcatt 180
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gtcagcttc ccattgtttt cccactgttt cccatagtcg ggtcccgttc gttccatcag 420
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gtcgaggcca gactgccgcc gctgattggg gg 512

<210> 8295
<211> 737
<212> DNA
<213> *Aspergillus nidulans*

<400> 8295
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aatgagtga agtaaccaag ccactttcca aggcaacgac ccagctgctc atgctcctga 180
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tccgaaagca agttcagggc ccgcgcgact aatcaggact attcccagat gaggacgacg 420

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<210> 8296
 <211> 1167
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8296

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<210> 8297
<211> 605
<212> DNA
<213> Aspergillus nidulans

<400> 8297

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cggggg 605

<210> 8298
<211> 1099
<212> DNA
<213> Aspergillus nidulans

<400> 8298

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<210> 8299
<211> 776
<212> DNA
<213> *Aspergillus nidulans*
<400> 8299

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<210> 8300
 <211> 601
 <212> DNA
 <213> Aspergillus nidulans

<400> 8300

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<210> 8301
 <211> 491
 <212> DNA
 <213> Aspergillus nidulans

<400> 8301

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<210> 8302
<211> 205
<212> DNA
<213> Aspergillus nidulans

<400> 8302

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agcagcaggg gtgggtagaa ttgcc 205

<210> 8303
<211> 580
<212> DNA
<213> Aspergillus nidulans

<400> 8303

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cccctgcagc tgtttgggct tcagcagggg ctgtgatggc aagtcgccgc agggcattcc 240
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<210> 8304
 <211> 760
 <212> DNA
 <213> Aspergillus nidulans

<400> 8304

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caaateccgt aacggattcc agaagattga atagagcttc ccggtgagta gatgactgac  180
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<210> 8305
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8305

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ccagaaatta gaacactaca atatatgatc gcttctgtcc tcaaccacct cttttctttc 420
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ggggaatgaa gagagaccca atttgtctat actagtagac taacgctatc tatttcgcag 600
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<210> 8306
<211> 859
<212> DNA
<213> Aspergillus nidulans
<400> 8306

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cgccgtaact cagttttcat ctgtacgatg agttcaaatt ccatacaaca catctcaacc 180
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<210> 8307
 <211> 1312
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8307

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<210> 8308
 <211> 1166
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8308

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<210> 8309
 <211> 99
 <212> DNA
 <213> Aspergillus nidulans

<400> 8309

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 taacctcaag agcaatatcg cacctgaccg atcacgacc 99

<210> 8310
 <211> 224
 <212> DNA
 <213> Aspergillus nidulans

<400> 8310

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 cggagtccgc gccgaaggat tcatcgacga ttcctcctta accggcggtg tctattactg 180
 gcagcgtgaa cgcgagcgta aagatgttac cgacggtgac aaat 224

<210> 8311
 <211> 327
 <212> DNA
 <213> Aspergillus nidulans

<400> 8311

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 caccctcaag aggaagcacg aggaggtgtg cgccatcaag atccagaggg cctagcgccg 240
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 atctgggaat gacgcctga gaaggag 327

<210> 8312
 <211> 692
 <212> DNA
 <213> Aspergillus nidulans

<400> 8312

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<210> 8313

<211> 867

<212> DNA

<213> *Aspergillus nidulans*

<400> 8313

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<210> 8314
<211> 143
<212> DNA
<213> Aspergillus nidulans

<400> 8314

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ctatcgcaaa actgcctgat gcg 143

<210> 8315
<211> 573
<212> DNA
<213> Aspergillus nidulans

<400> 8315

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<210> 8316
 <211> 1304
 <212> DNA
 <213> Aspergillus nidulans

<400> 8316

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<210> 8317
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<212> DNA
 <213> Aspergillus nidulans

<400> 8317

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<210> 8318
 <211> 150
 <212> DNA
 <213> Aspergillus nidulans

<400> 8318

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<210> 8319
 <211> 906
 <212> DNA
 <213> Aspergillus nidulans

<400> 8319

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<210> 8320

<211> 851

<212> DNA

<213> *Aspergillus nidulans*

<400> 8320

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cccagaagt tacgaggcgt cgtctctacg tggaaagcct cttccatccc tacctgcagt 180
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 cgaagattca gacccatgat ctctttctcg aaagccgatg gataccttga agaagggtccg 540
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<210> 8321
 <211> 804
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8321
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<210> 8322
 <211> 1075
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8322

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cgatacagag tgaagcata cgtctcctca agcgcatgcc aagccagacg agggtgaaaa 660
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<210> 8323
 <211> 1264
 <212> DNA
 <213> Aspergillus nidulans

<400> 8323

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ccagctcttt ttgcaaactg cgccgtctct gctgctgggc ctcggtactt gtaggcaatg 180
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<210> 8324
<211> 916
<212> DNA
<213> Aspergillus nidulans

<400> 8324

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<210> 8325
 <211> 604
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8325

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ctcgaaagaa ctgttgaagg agagatagag agaagagaga aaagaggtgt tgaataggga 540
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<210> 8326
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8327
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8327
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<210> 8328
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8329
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<212> DNA
<213> *Aspergillus nidulans*

<400> 8329
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<210> 8330
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<212> DNA
<213> *Aspergillus nidulans*

<400> 8330

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 ttcggggccc tgggtggcgt gggcattttc ggtttgctg agtggttgca caagtgtgcc 720
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 t 1021

<210> 8331
 <211> 549
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8331

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 tcgaggctac ttggcccacc tcgacatccg aaccgggttg gctagcggcc ctcacaggtg 180
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 tgtcaaatac aatagacaga cgacagtgta cggacgggtc gcggcattta tgtgcaatgt 300

ttatctcata gatgcaagaa cgcgatatca agccaagcac aactgtactg cccttcaaag 360
agataaagga cgcacacgat ccttggttga ttggagatct tccggtggcg gaccgggCGT 420
taaccggaag aaatttgaca atggcctgca tgttattggc tgctagtagc tcggctcgaa 480
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gataatatg 549

<210> 8332
<211> 148
<212> DNA
<213> Aspergillus nidulans

<400> 8332
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tattttgtat ctcaatagtg agaaattaat tctgtgttcc ataatatgag aaataaacgc 120
attaatgtcc catccagccc tgcatagg 148

<210> 8333
<211> 119
<212> DNA
<213> Aspergillus nidulans

<400> 8333
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<210> 8334
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<212> DNA
<213> Aspergillus nidulans

<400> 8334
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<210> 8335
<211> 910
<212> DNA
<213> *Aspergillus nidulans*

<400> 8335
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gtatcgtatg tgtgctcaaa actgagccgg agttgatccc agcaaaacct cccgtttaac 300
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catcctcaac cgaatcatgt ccttgccttac cactcgcgcc accagtctgg atctcgcggt 540
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gcgggtagag aattgcggtg tcgatcacag ttgggtggat tatgcggcag gcgttgaggt 660
cgttgtcaat tgctggccg ataagcggg tggtatgggt aaggaggtg aagaggagg 720
tacgggctgc ggcaggagaa gagacaagtt gaagttgcga ggcgaagac gaagatggtg 780

cggaggattt tgtaggggca gtgctgtatg gaagcgcatt tgtgtaatgc tcaggaaga 840
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<210> 8336
 <211> 607
 <212> DNA
 <213> *Aspergillus nidulans*

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 aatgaacttg ttaaacaacc tccagatctg atgaatatcc gaaactgata tcaacttctc 180
 catgagtcgc gagcacgact gactgcaagc gattttcaat tccttcccc tagcctcccg 240
 aaacacactg tctacaaata atctgcgtc ctcggcgctc ccgaattggt tcagctctag 300
 catctcatte gctctgctga aatattctg ttcttcggag tcaagcagac cgtagaaag 360
 catttcatct gccgctcccg tcgcatattg gtcacgtat tcctctcctt cgagaggtac 420
 gtagtctgcg ccggcggtga ctgcgttgct ctcgtccgct gagggcttta atcgcttaag 480
 cgttggttct tcaattcctt cgtcgcgctt ccgtttggat gcttcctttt tggttttttc 540
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<210> 8337
 <211> 868
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8337
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 ctatgctcgc ctggaccagc tcgcagaact tgaagatttc ctgcggtcaa ccaacgttgc 180
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caaccaggca tgcgttgaca agaaggagt cgccttgcc cagatctgtg gtctcaatct 420
cattgtgcac gcgaggagt tgcaagacct tgttcgacag tatgagcgca acgggtactt 480
tgatgagctg attgctgtgc ttgaagctgg tctgggactg gagcgggcac acatgggaat 540
gttcaccgaa ctgggtattg ctctatccaa ataccacct gatcgtgtca tggagcatct 600
caagctcttc tggctctgta tcaacattcc caagatgac cgggcctgcg aggaggctaa 660
cctatggccg gagcttggtt tctgtactg ccactacgac gaatgggaca ataccgcct 720
tgcgatgatg gagcgtgtg ctgatgcttg ggagcatcac tctttcaagg acatcgtcgt 780
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gcggtccac ggcgggcagc agccggtg 868

<210> 8338
<211> 585
<212> DNA
<213> *Aspergillus nidulans*

<400> 8338
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gtcaatccga accctcatal accgaacaat cacgaagcca cacctacaaa gttgaacagt 180
tttagaaaaa ccagacaccg cgcggaacg taaagatagc aaaaatcaaa aggaagagag 240
gcatatcagt cacatcagac attaataaat catacatcgc agcgctgaaa gcaggcgcac 300
ggctagcaga tcacccaatc ttgtagaaac acattgtgaa gtaggaagta ccaggtcacg 360
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gatggaatta agcggccgca gtggcttcga cttccggctc aggttgacca ttgacttctt 480
gtggtctgtt ttcgacttcc acgtcaggca caggaacgga actttccctg tcgttgccga 540
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<210> 8339
<211> 746
<212> DNA
<213> *Aspergillus nidulans*

<400> 8339

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ggccaaattc gcggtctgtc aggccaatcg tttagttacc cagacattca tctacatttc 180
cttctctcat acaagaggtt aggctcgccg caccagagg atacttgttc ctcttttaa 240
gtacttcaat atatctacac aaaactgtat accgaccaat attcacaccg ccagcatttg 300
ttttaggcgc tagagctggt atctgtccgt gcagctcgcc attcattaac ccggactatc 360
caatcatgaa caagagccgc gaaaacgctc ttctcagtc cgtaacagg aaggccatgc 420
gtaccacggt ctagaacagc aaaggttgat cgtggataga gctccagcaa gcgcaggcag 480
tcacgatagc ccaccacacc gtcttgccga ccacatacaa tcagtgtggg cgctgagaac 540
ttggcaattt catcatctaa acgaatagat aactgatatc gttgtggatc tgctcggatc 600
ggctctaaca ccgtttggtc tgctgtcttc tctgtggaa cgataacctc ctctgacttg 660
gccttttagag cctttatgta agcaggcggt tggatgagaa catttccaag aagtgtcctg 720
tcttcggctg gcatgttcga tatgag 746

<210> 8340

<211> 950

<212> DNA

<213> *Aspergillus nidulans*

<400> 8340

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gctttgtttc agtgggattg tagcaattag cacagttgag accatgactg ttaccgagcc 180
gagtgttagg atccattgag ctgcgagccg gggattagc caggctgcca ggcaggctgc 240
gaatgtgccg cagatgacaa aggggggtcca gccgattgcg aactgaagcg tggaccagcc 300
ccagacgtct tgaagccaga ggagctggta ccaaagcact gtaccgacgg tcatatagtc 360
gaggaggata accaggacga gaatggcgaa ggagggcgct ctgaatatgg aaggtggcat 420
aatgggatgc gagattttgt gtcctcaaat gatgaaaaaa ctgaacagga tgactgacag 480
cacgagtaga gctatctcgt aggggggtga ccagcctacg ctcggcgctt gactggcagg 540

taaggtgtta ggggctggaa ttggcagaca cgttacgtat gtcagtccaa ctcacttcca 600
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 ttcatttcga cttgacgttg cttgggttgtt gctgagaagc cagagaggta tgaatgtcac 720
 ggccccaagg cacgccctat ttatcgtcag ctgtaccacc agcaaactag agaagaacag 780
 catatgcctc acacaaaagt aaagaaccac cgccagtgcg tatgctccat gaaagcccca 840
 aggaacagcg cagagaagta ccctcccaac ggcgctgatg ccgcaaaaaa tcctaaactg 900
 agatttcgga ctctccctgg aggattgggtg atcgcaatca tggccaccgc 950

<210> 8341
 <211> 242
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8341
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 tctcgtgggg agtacacgaa taacacttag gcatgaacac ttgcctccgt gcgctagagt 180
 gcgagtgtca taacgtgaga tgcattgcgc tgctgttgaa acagtaatgc acatggcgct 240
 ag 242

<210> 8342
 <211> 1177
 <212> DNA
 <213> *Aspergillus nidulans*

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 tctggttaatt gcgagaggaa gggtaggttag caggacaata aatggacgct tgtacggtaa 180
 atactaagta gctaacgata tgcccctgca gattcaggaa tcagtcatat tcgagaggca 240
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ggccgggatga cgcttagtag atatacgatg tcgcgaggca agggcgcggg cgagccttga 480
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 ggccgtgaca tatcatcgtc aaagtcttct agcgggtctt tcggggagtt tgtgacggag 660
 gcttctggaa agcgggatga aggagtggca tggcgggatg ggacttggcc tccggggtat 720
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 gggagcaaaa aatctgtgaa caaattggtc catggcgggt aatcggaac aaattccctt 840
 taaagtcttc aggttattac ttgaaccagt cggaatattt tgattcggtt aatggggaac 900
 ccaaatttgg cttgtttttg gacccttaag gatggctatg tttctaccgt ttttaaaatt 960
 gttggcagtt gaaagggtta taagccaaac tcgaaaggga actttaataa tattgttaaa 1020
 gaaaggtaaa tttgaggaaa tttatttga aaattgacct ctcatttttg ggacgacttt 1080
 aaggtttaaa cgtgttatat gtgtatggcc ttagtttaac ctgcagctc tcgtttttct 1140
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<210> 8343
 <211> 890
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 8343

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 gatataaaat ataaaagagt atctgggggt agattagaag cagcaggaag attaaactaaa 180
 cgttatacag cttctagatc acaatataaa tttaaataa aaggtcattt agtaaataca 240
 tattcatcta ttcaagggtta tccatcatct ctaataagag gaaatgataa acctatatta 300
 caatatacaa aattaaattc taaatcacgt attggatctt ttggtgttaa aggttgagta 360
 agtggagttt aataaattaa tataatccta aaaataacta tataagatga agaaacagtc 420
 tgaaccatca taagataagt tggaataaaa gataatcttt tatgattaca aaattgaaca 480
 ggctaatttg cgcagtagag taaaactga gtgcgcggtc tggacctcga tgtnggctag 540
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taatcgtcgg agacagaggt cttactctag aggactaagt gacaagatgc ctttcgcgaa 660
gagtcggata tgactaggct accatgctgg gtgaaatddd tatatacact ctactaagat 720
atgcatagag gttgggctat ctagatagtg tgtcagtgag tcctagcatt aacacaacac 780
cgttaaaata tctttttaga agcttcacat gtctttgata gctagatata tatatacaga 840
gtttctataa ttctttctct ttttaagtgn aattacttct cactatttcg 890

<210> 8344
<211> 553
<212> DNA
<213> Aspergillus nidulans

<400> 8344
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cccagttgac aatgcccgcg acttcggggc ccctaaatct tcactttccc cattagctct 180
tttctggaca ctggcgatca aaagggcctt ttacgccgcg gcctactaag gtaggtattg 240
gggtcacctt ccttgtggac ctccaccctt taccgcgaaag aaaaccaagc cttaccgctt 300
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ggaactagga tgtaaggggtg ccttcaccac aaagaaaaat cgggtgggag ggggaccgtt 420
taacctaata agccactctg ctttgcgccc ttggatatca caacaccata aatctctatc 480
cgggtgcctc tttatatcaa tgctctttat gttcaaccta cacagtagcg atgcctctgc 540
tttctcaata tac 553

<210> 8345
<211> 154
<212> DNA
<213> Aspergillus nidulans

<400> 8345
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ctttgtgtgc tgcgcccttc aatatggcta cgaccgcgcg ctaaatacata tttcgacacg 120
ccggcgttgc agcatatttg gcaccgctgc ataa 154

<210> 8346
 <211> 552
 <212> DNA
 <213> Aspergillus nidulans

<400> 8346

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atagagacta gtagtTTTTT attttttaaag aaatacttat ctgtaaagat taactatctt 180
atttataata aaaagttact agctattatt taatatctag aataatagca aagtatatta 240
tagagtataa agaattttac tatcttaagt aactataaaa atctagaata ctttataaaa 300
aagtaataat ttatagaaaa ataaatataa taagctcttg aacttttata gttctaattt 360
aagataattt attaacctag aaaaaaggct atagtgcctg gtattctatt ttaaaaagac 420
taagatttat tagagacttt aaataataaa tatctttaag gatactccta ccagctgcta 480
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<210> 8347
 <211> 1535
 <212> DNA
 <213> Aspergillus nidulans

<400> 8347

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gactggaacg catcttcgac gacttctatc gtgttacaac ttcttttcgc cagccatcag 180
tcatttatga atcgatccc agctcggcta tttccgcca tgtctgcatt tttagcgcca 240
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agtgatgttt atgcaatctt ttccactgaa tttctgaatt tattgttgac ctgtgaagct 360
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cccacacgca gacagaagaa ttcggttctc ctcacaattg acctaaccaa ggcggttgcc 540
gacgaagcaa tcgctcgcaa agactctgtc gttgtagcat atcgtagca atccgtgaac 600
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aatggctata acacagacca agctcaccaa tctatcgttc agatcccatt atcttccgcg 660
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 agggcataag cgtctattct ccgcacacgg ccgttgacgc aacctctggt ggtatgggcg 780
 actggctctg cgacgttgtc acggggcgaa ccaactccatc ctcgctcgtcc tccgtcgccg 840
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 cccgctctgg accgaggggc tgcaaggac acacacaccc tgatcttccg ccaactgagg 1200
 caagtacac cagcccttgt taactgaaat ggaaccgcct ggcggcccc caccacaacg 1260
 aagggcgta caggcgactc acaactctca catcctaacc cgctcctctc cttctctcta 1320
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 ccactaccga ccactaacca ctactcctca cactgatcct ccatcacccc taaccacctc 1440
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 ttatcttctt caccaagccc ctctatcact ttaca 1535

<210> 8348
 <211> 278
 <212> DNA
 <213> Aspergillus nidulans

<400> 8348

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 ggaaaggaat aggatagaga gtggaatgag gacggtagga gtctcaagga ctggctatcc 180
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 tgaccataa atagaggacg agttgggttg agtctgtg 278

<210> 8349
 <211> 796

<212> DNA
 <213> Aspergillus nidulans

<400> 8349

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 aaaaattcat aaattttttt tcagtgtcaa acgcggaggg cattatcatc gaggaagaac 180
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 tcctttttct cctatgctga tgccggcagt tcctgttgag actacgggcc ccagcggaga 300
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 atttggggga gtccccaccc gggaacctcc acccccccg aggggggtctt tctttaaggg 720
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<210> 8350
 <211> 662
 <212> DNA
 <213> Aspergillus nidulans

<400> 8350

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 gccgtcttcc tggccgatac ttacggcggt tatgatacct acgagggcaa gctcgatgaa 180
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 gcaaaacgat tttcgacatt ggatcatatg acggacggcc ggatcggttg gaacatcgtc 420

acttcatgga agaaggctgc cttcaaggct attggcttgg actctccaat tgagcacgac 480
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attccaagtt ggtgactgac gcttatccat ggcaggtctt gggagggatc ataggctccg 600
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ac 662

<210> 8351
<211> 403
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8351

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caggggggga nganaanann aaacgccggg ngggccaagc ncaaggggcc agaaaaggga 180
ccaaggaanc nccaangggg ccggccacag acggcgcaga cggcanggnn agaaacnagn 240
ggngaacnaa cennnngaga agccaaagga nagncngaag ncncgggcga aaagggggca 300
cggaacggg agcacaggna gancccncc ncaacagaac cnanagcagc cacnacgga 360
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<210> 8352
<211> 259
<212> DNA
<213> Aspergillus nidulans

<400> 8352
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agttttgtcg ccagtgtcgc ccagttcacg ccaaaaaccg tcgaaaccag cgatgaacgg 180
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ggaatatgtc aaaaccggt 259

<210> 8353

<211> 965
 <212> DNA
 <213> Aspergillus nidulans

<400> 8353

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<210> 8354
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 <213> Aspergillus nidulans

<400> 8354

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186

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<213> *Aspergillus nidulans*

<400> 8355

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<400> 8356

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<210> 8357

<211> 517
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 <213> Aspergillus nidulans

<400> 8357

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<210> 8358
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8358

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<210> 8359
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 <212> DNA
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<400> 8359

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<210> 8360
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 <212> DNA
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<400> 8360

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977

<210> 8361
<211> 121
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<210> 8362
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<212> DNA
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<400> 8362

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<210> 8363
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8364
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8367
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 <213> *Aspergillus nidulans*

<400> 8368

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<210> 8369
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8369

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<210> 8371

<211> 769
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 <213> Aspergillus nidulans

<400> 8371

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<400> 8372

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<400> 8373

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*
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<211> 897
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<212> DNA
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<400> 8380

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<211> 1143
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<400> 8382

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 <213> Aspergillus nidulans

<400> 8383

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 <213> Aspergillus nidulans

<400> 8384

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<400> 8385

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<210> 8386
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<212> DNA
<213> Aspergillus nidulans

<400> 8386

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<210> 8387
 <211> 639
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8387
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 ccatgtagaa tggatgttc catggacaac ggtctcgggc agtttatcgg gattatccag 180
 tgtgagtctt tctagtaggc ctgattctgc ttcgacagtt ttgatgctgt ggccttgtgt 240
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 cgatttcagc tttcgccatg cgagctgtaa acatctcgtt agctggcatg cccaaatacc 540
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<210> 8388
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8388
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 aggacaaacg gagccaaacc aaaacacaca aggcaagctt gcgaaaaagg aaaaaacagc 180
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 aagactaccc gaaaggaaag tgcacctcaa accagaaact aacataaaca aacctaattct 480
 aaaaaaaagg aacctcaggc aaacgaaggg taaaatccaa ccgaaacgca cccccaaaaa 540
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 gaaacacgaa acaagtcaaa aaagaacagc caaaaaaagt aaacaaccac gaataccgaa 720
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<210> 8389
 <211> 905
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8389
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 agtttgcta ctggcggcac tggctcggtt ccggcttgac tgcctcacag agcataaacg 180
 cagagtctgc aaagacgttg acggagtatc ttgggcccgg accaaaggat gggtaagtac 240
 ttgacgctcc tcgcaatctt ttgttggtga tgatgtggtg ctgataccgg tggttgtgca 300
 cagttcgcgc cctcatcgat atctcttctt ccttttcggg gaaccggaag ggttggcatt 360
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<210> 8390
<211> 527
<212> DNA
<213> *Aspergillus nidulans*

<400> 8390
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<210> 8391
<211> 1163
<212> DNA
<213> *Aspergillus nidulans*

<400> 8391
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ccagttgcag ggccttgtag ggccaaggaa tgccagcatc tagtaactca aggttggtat 180
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<210> 8392
<211> 1602
<212> DNA
<213> Aspergillus nidulans

<400> 8392

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<210> 8393
<211> 900
<212> DNA
<213> Aspergillus nidulans

<400> 8393

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<210> 8394
 <211> 738
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8394

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caatacctga ttagataa 738

<210> 8395
<211> 837
<212> DNA
<213> Aspergillus nidulans

<400> 8395

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<210> 8396
<211> 438
<212> DNA
<213> Aspergillus nidulans

<400> 8396

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ggggtcctcc aaaacagggt gaaaattttt gactgtcatt cctcaaccgc atatggtag 180

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<210> 8397
 <211> 1141
 <212> DNA
 <213> Aspergillus nidulans

<400> 8397

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<210> 8398

<211> 103

<212> DNA

<213> Aspergillus nidulans

<400> 8398

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<210> 8399

<211> 639

<212> DNA

<213> Aspergillus nidulans

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cagaaatccc cccgaaccaa aaagaaaaag cctcgcgtag gcatcgtagg taacattaac 180

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ctcgtagttg gaagggaatc gtgaccgact gcggctgctg gtatagcctg ttcggcggaa 420

ggtgcggtcg aagaattggt ggaagagggg gcggagggtt gcgatgttgc cgacgatcat 480

gccgatggcg ttttcggcga aaccccagat gacgacgtca gcaatggcga acaggtagtt 540

gtcctgcttg gttaggttga gcgtgtactt gagacggacg catgcggaga gggaagcact 600

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<210> 8400

<211> 923

<212> DNA

<213> Aspergillus nidulans

<400> 8400

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<210> 8401
<211> 793
<212> DNA
<213> Aspergillus nidulans

<400> 8401

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gcaaacaggg cgacacacaa caacaaacaa aaaacgaagg agaccaacag cccccacaaa 360
aacaccaaga gaacacacaa aaagaacgaa cgtcaaaaaa acaaaaaccc gccgaacagc 420

cacaaaaagg agcaaaaccc acccacaaca acacagcaga ccctatcaaa cacacaaaca 480
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agaacgacaa aacacccccca ccgacagcaa cacaccaaaa aaaataaacc aacacccaaa 600
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accagacaca caaagccaaa ccacacaaac gcaacaagaa caccaaccga acggcaaaaa 720
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<210> 8402
<211> 948
<212> DNA
<213> Aspergillus nidulans

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<210> 8403
 <211> 1095
 <212> DNA
 <213> Aspergillus nidulans

<400> 8403

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 cctggccagg ttggctgaat ctctggtoga aagtttagat gcaacgccag ccaaactgat 180
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 cgcctatacc ggtcaggaaa cgtgccgtgt atcagctgtg ttactgctca actccttggc 480
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<210> 8404
 <211> 737
 <212> DNA
 <213> Aspergillus nidulans

<400> 8404

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gatcgcgagc aggggat 737

<210> 8405
<211> 876
<212> DNA
<213> Aspergillus nidulans

<400> 8405

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<210> 8406
 <211> 259
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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 tcagattggc ctttgtcaat aaggtttgca agtaacgtca gcacgtacgc gcttctcatt 180
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 ggtagtgca gaccgtcgg 259

<210> 8407
 <211> 951
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 8407

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 gttcaatatt atgagatcac ttagataggt ttcttattct ctgttggaag aacgtttttt 360
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<210> 8408
 <211> 980
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8408
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<210> 8409
<211> 666
<212> DNA
<213> Aspergillus nidulans

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ccgatatagt tctcggatat gccccctctg aaccgcatca cccttcagat tcttataccc 300
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<210> 8410
<211> 167
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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gctgatcaca gctctggttt gagtgtagtc atgtcggctg tttgaca 167

<210> 8411

<211> 929
 <212> DNA
 <213> Aspergillus nidulans

<400> 8411

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 aatagtgaag acctgacaat aaggggcaat cacctggatc tgattcgtct gatcttcggt 180
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<210> 8412
 <211> 183
 <212> DNA
 <213> Aspergillus nidulans

<400> 8412

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<210> 8413
 <211> 1098
 <212> DNA
 <213> Aspergillus nidulans

<400> 8413

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<210> 8414
 <211> 1344
 <212> DNA
 <213> Aspergillus nidulans

<400> 8414

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 gcaaggggtgc gagatacttc aatcaacagc atcgttctca accacgccgc cacgctccga 780
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 aacgtcttaa agtcgttgga tttggtcgca aagggtttgt tctgggcgaa tattataccg 1200
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<210> 8415
 <211> 1257
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8415

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<400> 8416

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<400> 8419

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<210> 8420
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<400> 8420

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<400> 8423

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<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<210> 8428
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<212> DNA
<213> Aspergillus nidulans

<400> 8428

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ccagccgttc agcttccggc ctgaacgggtg gatcccgag gagttcggcg aagaggcggt 480
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<210> 8429
<211> 597
<212> DNA
<213> *Aspergillus nidulans*

<400> 8429

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cccgaaga tcaccgccgc cccggtctgc agatcctgaa ggtcaatggt gctggagggc 180
ggggcgtaca cgtccgagag catgatgttc gagcaggatg caacggccga ggagatgcca 240
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<210> 8430
<211> 1076
<212> DNA
<213> *Aspergillus nidulans*

<400> 8430

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<210> 8431

<211> 804

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 8431

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atatcaagca gcctggtacg aacagaaaagc ttgcgtatat cttggatgat atcaggtagg 180

aagagcta at aggtagctca ttatcaagct aaacaattcg gtgcactcag aaaatatccg 240
gcgagcata gagggcgtag gtcagggtgt ttggagtcct cttgccttgg cttgggtttg 300
gtagtcccag aggttcccta ccctgttctt gtgcgtgggt tactgcacca ttcttccacg 360
tcgaattgat ggagttgtcg caccattccg aatgccctcg agcccgacga accactcgtg 420
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aactccggta cccccagcag ggaatgaatt tcaacagcac gtctgactta tttgggcgag 660
gagtactgag ttcagcatag gcacactcag tgcgctgtct gttaggggtc tgcctcatct 720
tcttaacttn tacgagtcac acattatgag cagggttagcc caaaagtagg gtgcatagga 780
atatgcggta agcgaacgta aggt 804

<210> 8432
<211> 1808
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 8432

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aacttttgca taatggcctt tcccagttgt aaaattgacc ggggttaaacc ggcattccga 600
tcatctaaaa gttcgagcag tgcgtccacg gtggaagcga aatattcttc tgcaacctca 660
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<210> 8433
 <211> 1609
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 8433

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<210> 8434
 <211> 269
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8434

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cgggagttgt cgatcggggg cgatacttac attgcaggta ttgcaagtag gactttgaac 180
gagctgcggg ctgcgaatat ccgtagctgt tatgctcgat cccgcacaat gttcttgaac 240
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<210> 8435

<211> 131

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 8435

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<210> 8436

<211> 110

<212> DNA

<213> *Aspergillus nidulans*

<400> 8436

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atcgcgcata tcggtgagtt gcctcaaagc gtacggtatc tcattgaaag 110

<210> 8437

<211> 854

<212> DNA

<213> *Aspergillus nidulans*

<400> 8437

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cgcacaccac acccaacccc ccaccgacca caccatccgc cccaaaacaa ccaccagga 120
agcaccccc caccagacc tacagcccc ccggcaacgc ccagacacca actcacaacg 180
cccaagcaca ccaaaccccc acaccccacc acagcccca acccaagcca cgaccacccc 240

ccagaccaac cccggccaac acccccccca atcaccaccg cccccaccg acgaccagcc 300
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 cgcccaagaa acctccccct ccacccccca ccgcacccca cccccaccc ccagcccccg 480
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 accccaccca ccacactccc cccccaccc cctcaccccc ccaccaacac ccaaccaacc 780
 cccaccttt caatcacacc caccctacc tcaccacccc cccaccccaa cactaccac 840
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<210> 8438
 <211> 121
 <212> DNA
 <213> Aspergillus nidulans

<400> 8438

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 gtaatgattc atcggtacat gttaagaagt ccaccgggag tcagaatatg aagacccaaa 120
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<210> 8439
 <211> 109
 <212> DNA
 <213> Aspergillus nidulans

<400> 8439

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 gttctgtatt tactgatgat tgtaatcagc agtttgacag atgagaagt 109

<210> 8440
 <211> 769
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8440

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 cagcctacaa agtctccaag gctgccatga acgccctgac ggtgcagtat gctctcgact 180
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<210> 8441
 <211> 109
 <212> DNA
 <213> Aspergillus nidulans

<400> 8441

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<210> 8442
 <211> 937
 <212> DNA
 <213> Aspergillus nidulans

<400> 8442

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atacgaacaa ggcccagacg cttttcaaca tegtgtattct gtctgggtccg atatctccca 180
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 aaggttgctg aggaatcgtc aggtgcgta agtgggttcc cctcaactc tcttccttta 780
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<210> 8443
 <211> 1112
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8443

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 ctcaagctat tgtcaacgat ctcaagttgc tcgatcatat tttctaccac acggccgccg 240
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<210> 8444
<211> 214
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8444

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gaggtctgct cgtaacattg tgantttctt tgtctagaga tgtgaccctg ctactcagct 180
gaccagtga aatccgggtc agttggatag tgat 214

<210> 8445
<211> 1248
<212> DNA
<213> Aspergillus nidulans
<400> 8445

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<210> 8446
 <211> 518
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8446

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<210> 8447
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8447
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<210> 8448
 <211> 995
 <212> DNA
 <213> Aspergillus nidulans

<400> 8448

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<210> 8449
 <211> 962
 <212> DNA
 <213> Aspergillus nidulans

<400> 8449

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<210> 8450
 <211> 246
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8450

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taaaggagtg cgtgacgttg atgtttattn gacctctatt tgatctagag ataagtatgg 180
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agcaca 246

<210> 8451
<211> 943
<212> DNA
<213> Aspergillus nidulans

<400> 8451

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<210> 8452
<211> 1166
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations

<400> 8452

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<210> 8453

<211> 828

<212> DNA

<213> *Aspergillus nidulans*

<400> 8453

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 cccacccaac gcaccggccc aacaccgcac aagcacacaa ccccgacaaa caacccccga 240
 acagcccgga caaaaaacc cccaacaaaa aacacgacac aaccaacaac caagccaaca 300
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 caccaagagc cagcgacagc cccccgagc aaaaaggacc cccaccgac agagccccc 420
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<210> 8454
 <211> 877
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8454

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<210> 8455
<211> 1038
<212> DNA
<213> Aspergillus nidulans

<400> 8455

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<210> 8456

<211> 873
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8456

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<210> 8457
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 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 8457

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 8458

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8459

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<210> 8460
<211> 1371
<212> DNA
<213> *Aspergillus nidulans*

<400> 8460

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<210> 8461
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 <213> *Aspergillus nidulans*
 <400> 8461

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aaccacgggtt aagaccgc 318

<210> 8462
<211> 921
<212> DNA
<213> Aspergillus nidulans

<400> 8462

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<210> 8463
<211> 1214
<212> DNA
<213> Aspergillus nidulans

<400> 8463

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<210> 8464

<211> 241

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 8464

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<210> 8465
<211> 1815
<212> DNA
<213> *Aspergillus nidulans*

<400> 8465

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<210> 8466
 <211> 601
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8466
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<210> 8467
 <211> 2060
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8467

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<210> 8468
 <211> 1071
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8469
<211> 604
<212> DNA
<213> Aspergillus nidulans

<400> 8469

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<210> 8470
<211> 723
<212> DNA
<213> Aspergillus nidulans

<400> 8470

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<210> 8471
<211> 1097
<212> DNA
<213> Aspergillus nidulans
<400> 8471

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<400> 8474

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<210> 8475

<211> 716

<212> DNA

<213> *Aspergillus nidulans*

<400> 8475

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<210> 8476

<211> 1400
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<400> 8476

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<400> 8477

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<400> 8478

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<212> DNA
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<400> 8480

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<213> Aspergillus nidulans

<400> 8481

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<400> 8483

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<210> 8486

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<212> DNA

<213> *Aspergillus nidulans*

<400> 8486

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8487

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<210> 8488
<211> 734
<212> DNA
<213> *Aspergillus nidulans*

<400> 8488

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 aggatgatgg atgccgcgta cggcatctgc gcgtggatgc tatttccaag cgggtgttact 660
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 ctgctaactg acgc 734

<210> 8489
 <211> 600
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8489
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 caaaagaata aaatgtcaca gcgcgaaagg aaaggtccca atggagacgt gtctaaacgg 180
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 actgaccttc agcaccgag ctgttagcgt tggctggtca gtaataatag gggctagtgtg 300
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 gttatttact cgcagtcgtt gaggggtcaa aggggtctgcg gaatgacagc atgcggacag 480
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<210> 8490
 <211> 956
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8490
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tcaaaccag ctcttccaag tgcttagtca gaggaatcaa agcatcggtg tgttccgagg 240
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 tttgaatctc cgaattcatc tgcttcgtac ggccgagacc cacagatgta aagtgagaga 900
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<210> 8491
 <211> 124
 <212> DNA
 <213> Aspergillus nidulans

<400> 8491

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 tctg 124

<210> 8492
 <211> 100
 <212> DNA
 <213> Aspergillus nidulans

<400> 8492

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 cactttagaa gctcggtcgt gcgtgtcagt gtctgcttgt 100

<210> 8493

<211> 637
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8493

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 tcacgaggat acagaaatct atgatttgct gtgtgttaat ttcgacggct atatgcgaaa 180
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<210> 8494
 <211> 1244
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8494

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 cgatccgaag ctggactgac ccgagataag gcgtactcta tgattcagtc cggaagtaa 180
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 aaggcaagga gcctgcgagt tcgagatgaa ggagggccta gaga 1244

<210> 8495
 <211> 1082
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 8495

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 catgtcattc tatcagttag atattcaaaa ttaaaagcta taaaatgcgt ttatagacta 180
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<210> 8496
 <211> 1064
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8496
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 caagcaagcg cttgcatgag tccttgggaa agcatgtccg gctgcttgaa gctgcgttga 420
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 atcccaagga gattgcgcgg gaaagcatca atgctctgaa atgtaacgga tccttttgaa 540
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<210> 8497
<211> 181
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8497

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g 181

<210> 8498
<211> 236
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8498

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ggttacgtcg ccgtgttacg agcttcctag ggcgacgtag ctanccgata tgtcgaccag 180
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<210> 8499
<211> 1211
<212> DNA
<213> Aspergillus nidulans
<400> 8499

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gagcagaagg tgcaaatcga tattgttaac caaggtcttc cagaaggggg gagcgccata 180

aaaaaattaa cctccgttga acttttttgg taggacaaaa catggggaat aattacgggc 240
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<210> 8500
 <211> 1602
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8500

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<210> 8501
 <211> 2045
 <212> DNA
 <213> Aspergillus nidulans

<400> 8501

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<210> 8502
 <211> 310
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 8502

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 tcngaattaa tgagtcgatt cggctgtcct gcatccatca cagagcctgt cccatcacng 240
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 agggagtgat 310

<210> 8503
 <211> 113
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8503

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 gctccgtcca gccgtccata catccagcgc agggcaagcg ggacttactc ccc 113

<210> 8504
 <211> 1052
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8504

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<210> 8505

<211> 1060

<212> DNA

<213> *Aspergillus nidulans*

<400> 8505

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<400> 8507

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<210> 8508

<211> 810

<212> DNA

<213> Aspergillus nidulans

<400> 8508

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<210> 8509
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8510
 <211> 1265
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8510
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1771

<210> 8512
<211> 105
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8512

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<210> 8513
<211> 1847
<212> DNA
<213> Aspergillus nidulans

<400> 8513

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<210> 8514
 <211> 782
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8514

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<210> 8515
 <211> 833
 <212> DNA
 <213> *Aspergillus nidulans*

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 agacctcaa ggttgactt ttgtccgaa atcgcgcggg acgaaaaccg gcacaccct 780
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<210> 8516
 <211> 899
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8516

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<210> 8517

<211> 1159

<212> DNA

<213> *Aspergillus nidulans*

<400> 8517

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8519
<211> 183
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 8520
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<212> DNA
<213> Aspergillus nidulans
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<210> 8521
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<400> 8522

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 <212> DNA
 <213> Aspergillus nidulans
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8525
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8525

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<210> 8526
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<213> *Aspergillus nidulans*

<400> 8526

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<210> 8527

<211> 1378
 <212> DNA
 <213> Aspergillus nidulans

<400> 8527

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<400> 8528

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<210> 8529
 <211> 136
 <212> DNA
 <213> Aspergillus nidulans

<400> 8529

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gcctacacgt gcgcgt 136
  
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<210> 8530
 <211> 912
 <212> DNA
 <213> Aspergillus nidulans

<400> 8530

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<211> 250
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 8532
<211> 188
<212> DNA
<213> Aspergillus nidulans
<400> 8532

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188

<210> 8533
<211> 175
<212> DNA
<213> Aspergillus nidulans

<400> 8533

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<210> 8534
<211> 100
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8534

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<210> 8535
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<212> DNA
<213> Aspergillus nidulans

<400> 8535

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<210> 8536
 <211> 790
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8536

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<210> 8537
 <211> 1074
 <212> DNA
 <213> Aspergillus nidulans

<400> 8537

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<210> 8538
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8538

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 8539

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8540

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 <211> 745
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8541

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<210> 8542
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<212> DNA
<213> Aspergillus nidulans

<400> 8542

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<212> DNA
<213> Aspergillus nidulans

<400> 8543

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<212> DNA
<213> Aspergillus nidulans

<400> 8544

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<210> 8545
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<212> DNA
<213> Aspergillus nidulans

<400> 8545

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8546
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<210> 8547
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8547
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8548

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 <213> Aspergillus nidulans

<400> 8549

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<210> 8550
<211> 481
<212> DNA
<213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8551

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<210> 8552
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8552

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<210> 8553
<211> 2026
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<212> DNA
<213> *Aspergillus nidulans*
<400> 8554

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 <213> *Aspergillus nidulans*

<400> 8555

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<210> 8556
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8556

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<210> 8557
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8557

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<212> DNA
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<400> 8558

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<210> 8559
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<212> DNA
<213> *Aspergillus nidulans*

<400> 8559

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<210> 8561
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 8562
 <211> 112
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8562

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<210> 8563
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8563

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<210> 8564

<211> 1034

<212> DNA

<213> *Aspergillus nidulans*

<400> 8564

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 <212> DNA
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 <213> Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

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<400> 8570

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<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 8571

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 8573

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<210> 8574
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 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 8577
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 8577

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<211> 1098
<212> DNA
<213> *Aspergillus nidulans*
<400> 8578

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 <213> Aspergillus nidulans

<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<211> 1441
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<213> Aspergillus nidulans

<400> 8582

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<400> 8583

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<212> DNA
<213> Aspergillus nidulans
<400> 8584

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<212> DNA
<213> Aspergillus nidulans

<400> 8585

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<212> DNA
<213> Aspergillus nidulans

<400> 8586

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<400> 8587

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8588

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<210> 8589
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 <213> *Aspergillus nidulans*

<400> 8589

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8590

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8591

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<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8593

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8594

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8595

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<212> DNA
<213> Aspergillus nidulans
<400> 8596

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<212> DNA
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<400> 8597

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<210> 8598
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<212> DNA
<213> *Aspergillus nidulans*

<400> 8598

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<210> 8599

<211> 99

<212> DNA

<213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8601

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 <213> Aspergillus nidulans
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<400> 8604

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<400> 8606

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<400> 8607

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<212> DNA
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<400> 8608

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<213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

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<210> 8613
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8613

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8615

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<400> 8617

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 <213> *Aspergillus nidulans*

<400> 8619

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<210> 8620
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<212> DNA
 <213> Aspergillus nidulans

<400> 8620

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 <213> Aspergillus nidulans

<400> 8621

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<400> 8622

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<400> 8623

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<210> 8627
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<212> DNA
<213> Aspergillus nidulans

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<400> 8628

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 <212> DNA
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<400> 8629

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<212> DNA
<213> *Aspergillus nidulans*
<400> 8630

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<212> DNA
<213> *Aspergillus nidulans*
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<210> 8632
<211> 794
<212> DNA
<213> Aspergillus nidulans

<400> 8632

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<210> 8633
<211> 1567
<212> DNA
<213> Aspergillus nidulans

<400> 8633

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cccttgaggt tgactggaag gaccccatct cgcactttga tcggttcctt tcttcattcc 240
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caacatctgt tcacgtcttt tttcacgtta ctttggtctt cttcgttttg gcaccactct 360
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caatatt 1567

<210> 8634
<211> 633
<212> DNA
<213> *Aspergillus nidulans*

<400> 8634

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gacgccgtgg ttctgcatca gccggtcgat atagacggcc aaatgggctc ggtggaagcc 360
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ggggggcatt ttgcacaaca ccacaacaga acaatgggaa gactagattt tcaagagcag 540
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cctggagcgc tgaggggggtg ctcacgccgg ttt 633

<210> 8635

<211> 103

<212> DNA

<213> *Aspergillus nidulans*

<400> 8635

tagaaacaac ttttgcgccg tagagtatag catcactact cgcaaatgaa agatcatgtg 60
catggccttg gtcgtgtcac gaacttagct ggtgaggaca gtt 103

<210> 8636

<211> 963

<212> DNA

<213> *Aspergillus nidulans*

<400> 8636

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gatgaagatg acgaggaggc gcaccctgaa gaggggtttt gggcccaagc cactgcgctc 120
gctggtgatc cggaggagcc cgaggttgat gacaccgggg accttgagga acatccggca 180
gaatataatg acttgaatc atatcaccag cagccgccct tagaggagga tgtcaagact 240
gatgttgctg atgctgctga tgctgctagt gaggatgacc tcgctctgaa acctctaccc 300

gaggatagtt ccaacacgac agaaccgccc ttggatggca actcgccgga gaagtccgac 360
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ggttcgaagc ccgtaggacct cgtcggagtc ggcgaggtag atgagccggg tcacctcgac 480
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cgaaatcgac ttctctcaaa gcagcactcc agaagtgaag cgctctcggt cctcctaaat 720
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<210> 8637
<211> 431
<212> DNA
<213> *Aspergillus nidulans*

<400> 8637
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aagatgtggg ttacagagaa tgcaggtgga agcgagctcc caaaactttt tgtcgcaata 180
aacagtgttg gcctggatat tgtcacatga ccttacgggc ggtatatgta tatggccctg 240
caagagtccc acattcttgt aacaatctac tacaggatct acgaagtagt ttcgcacatg 300
cgccgagacc gaatcaccta ataggatttc tgttgcttca aaaatgttat tcgccaaca 360
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tgccattga a 431

<210> 8638
<211> 498
<212> DNA
<213> *Aspergillus nidulans*

<400> 8638

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gtctttttaga gaaaatgaaa ggactattat tgggcttata aaatatatta taaggtttct 120

tagaagcctt agtaagatta caaaaattag tactataagg aacctagtat atagtagaat 180

aataaatatt attttaatac tcctccttaa tatactttat aatttttagta ttaagatata 240

tttctaagac tctaagctag taatagggtta taaggataaa gaaataatat tctaggagct 300

tatctaaatc tagtttttta ttttatagtt actattttta tatagtaggt aaagactatt 360

tactactaga ttagtatttt cttaataata ataatttttag agattaaatt ataatagata 420

cttagaagct tagaaaaagt aaaaattaag atttttttag ctataagtag acttattaaa 480

ctacagggtta tggcaggt 498

<210> 8639

<211> 514

<212> DNA

<213> *Aspergillus nidulans*

<400> 8639

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ttgagaaagg acaaagagtc agactgagct cggagggaga cggtagcatt cgagagacat 120

accccaagta ccatgcccaa gggaaagatt atgccaaagg acaactcccat gagaatcata 180

tgaatccata gtgtcgagtc ctagaacatt ggcgcattgt cagtccgcgc aaagttaagc 240

atagctaggc agggcatcat acaatagggt cgtctgagat agcagcacct tcgggaacat 300

gcgaatggtc gccgtgagcc agggcagggg aagcgaggag caaagctcca agtaccgccg 360

gtaaacgaag agcgcccaac atcttgctt ctttgctggg ttgcggaaag aaggaggagg 420

atgaggggag agaagagagg caggcttacg aatcttctga ttgaaacgat cggaagcggg 480

ccgggtaatg gagacggaga ctgagaaatg gaga 514

<210> 8640

<211> 183

<212> DNA

<213> *Aspergillus nidulans*

<400> 8640

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cagccgtgcc ccgaggttca aaccatcctg gagatccaag gtatcatctg ggccagttgc 120
gcacttcgga aacacgagat ctatgaattg atggtcggtc ggagaccgca cctcgtccat 180
ggt 183

<210> 8641
<211> 138
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8641

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ccaaagcgng accgaatcgt tacgcatgat ttggatcggc ctcacggccc agcttcacgt 120
ttctcagacc cgcggatt 138

<210> 8642
<211> 499
<212> DNA
<213> Aspergillus nidulans
<400> 8642

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gcaatagtag cctgtcttct tgatggggta attgacggct tctgggttct ttaggtgtac 180
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tacctcggga tcgtcggatg cacgtcttcc aatcaaagt ccatcgcccc attcgaatat 420
cgccagactg acaagagggt ctctatcgtc ggagggagaa gacttcgcga acttagtcaa 480
gatgaagggg tcgacactt 499

<210> 8643
<211> 795
<212> DNA

<213> Aspergillus nidulans

<400> 8643

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tcaatggcaa ccggccgggg aatgaggtcc tgtccggcag catcgacaat agcctcgtac 180
cagatgcgcg ccatcttttc gtatccccgg tcattgggat gcgtgctatc gaccctgccg 240
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ggaataactg cagtagcagt agaaccggga ggaagctacg ttgtcttcca tctaccgtg 720
gtgtttgcat cccgccatgt cgacctcca cccagcctgt ctcagctgat cccggaagaa 780
gcctctgtac ccatt 795

<210> 8644

<211> 232

<212> DNA

<213> Aspergillus nidulans

<400> 8644

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gcggtgtctg atatctgcga tagcagggt accggatggg gacattacca catccattcc 180
caacgggtatc ctgacgtcaa gttctccgat gtcaagccga gtccaggcct tt 232

<210> 8645

<211> 1426

<212> DNA

<213> Aspergillus nidulans

<400>

8645

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gctggccccg ttggcgcttc ccagcgctca acgacgagta ccctggcgcc acagtcgac 180
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<210>

8646

<211>

546

<212>

DNA

<213> Aspergillus nidulans

<400> 8646

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tgtggacaag aaagattccg attccgtacg gcatttcctt taaaggattt gcggacctcc 180
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cttgattggg acgaagagga aagcaagtcg cagaaagcat catgagaaaa attgttacia 480
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caacaa 546

<210> 8647

<211> 433

<212> DNA

<213> Aspergillus nidulans

<400> 8647

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tcaagcttag gaactaaggc catgccttcc tccgaaatgt ccaaaccggc gaccacgagg 180
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cagacccgct atagactagc atgatcgctg tggccgtgct aaccgatgtt accagggcac 360
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caagggccag cca 433

<210> 8648

<211> 1181

<212> DNA

<213> Aspergillus nidulans

<400> 8648

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cgaggtgctg gtcccaacaa cctacttaaa cgcagacgca tccagatcac ggcgaggctg 180
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<210> 8649

<211> 145

<212> DNA

<213> *Aspergillus nidulans*

<400> 8649

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gagacgagat gcttgaagcg atagtaagcc taaagagtcg tatctgatag atcggatgatc 120

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145

<210> 8650
<211> 449
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8650

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acaaataccc atacacagct cactgcaa at ggactcaacg agctctatcc ctaatctatt 180
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<210> 8651
<211> 529
<212> DNA
<213> Aspergillus nidulans

<400> 8651

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8652

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<400> 8653

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<210> 8656
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<400> 8656

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<400> 8658

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 <213> Aspergillus nidulans

<400> 8664

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<400> 8666

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<400> 8671

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<213> *Aspergillus nidulans*

<400> 8673

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Aspergillus nidulans

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<212> DNA

<213> *Aspergillus nidulans*

<400> 8684

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<213> Aspergillus nidulans

<400> 8691

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<212> DNA
<213> Aspergillus nidulans
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<400> 8693

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 <213> *Aspergillus nidulans*

<400> 8694

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 <213> Aspergillus nidulans

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<210> 8697
 <211> 1303
 <212> DNA
 <213> Aspergillus nidulans

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<210> 8698
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 <212> DNA
 <213> Aspergillus nidulans
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 <212> DNA
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<210> 8700
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<400> 8700

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<210> 8701
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<212> DNA
<213> Aspergillus nidulans

<400> 8701

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<210> 8702
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 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

<400> 8704

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<210> 8705
<211> 1402
<212> DNA
<213> Aspergillus nidulans

<400> 8705

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<210> 8706
 <211> 573
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8706

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<213> Aspergillus nidulans
<400> 8707

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<400> 8709

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<400> 8711

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<210> 8712

<211> 149

<212> DNA

<213> Aspergillus nidulans

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<210> 8713

<211> 792

<212> DNA

<213> Aspergillus nidulans

<400> 8713

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<400> 8716

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 <213> *Aspergillus nidulans*

<400> 8720

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 <213> Aspergillus nidulans

<400> 8722

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 <213> Aspergillus nidulans

<400> 8723

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<213> Aspergillus nidulans

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<213> *Aspergillus nidulans*

<400> 8725

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<400> 8726

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<400> 8728

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<213> Aspergillus nidulans

<400> 8729

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 <212> DNA
 <213> Aspergillus nidulans
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<400> 8734

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<400> 8747

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<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<213> *Aspergillus nidulans*
<400> 8749

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<400> 8751

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 <212> DNA

<213> Aspergillus nidulans

<400> 8753

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 <213> Aspergillus nidulans

<223> unsure at all n locations
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<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

<400> 8758

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 <213> *Aspergillus nidulans*

<400> 8759

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<210> 8760
 <211> 107
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8760

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<210> 8761
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8761

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 <213> Aspergillus nidulans

<400> 8762

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8763

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<212> DNA
<213> *Aspergillus nidulans*

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<210> 8765
<211> 518
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 8765

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 <213> Aspergillus nidulans

<400> 8766

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<210> 8767
 <211> 209
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 8768
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8768

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 <213> *Aspergillus nidulans*
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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 8771
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 <212> DNA
 <213> Aspergillus nidulans
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8772

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<210> 8773
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8773

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<210> 8774
 <211> 126
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8774
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<210> 8775
 <211> 1588
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 8775

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 atgttatata gacaaggggt agaggggaaa cggaaaattc caaatttttag agctttaaca 180
 aaaggggttta gggcaattcc tattgacggg agagtagtta aaacggattc ataaattgag 240
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 tgctcacta ttgtaattcc ttttttcgac ggtgggtgtat aaatcgcagg ggactattag 420
 tttatgctta ggccatgaac cggtatagat cacggctctga gtccagtctt tgttggtgta 480
 tttggttggg ggggagagca aaagggctcg caaaattatt gtcgccggcc cactcggaca 540

taagttatgg agtcggcttt tagtcgacac tagagtaata gcttcggcga cagatttgcg 600
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<210> 8776
 <211> 736
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8776

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 gaactcatat gtagttcttc taggctcgag agaagagaga gcgtcgagt actgttatca 180
 gttggcatac cttccactgc aacgaaagcg ttctgaggac catacatcta caaaggacga 240
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 caaaagagct aatccaaaga gaagaccgac taaaactgtt ccagagaagg attcggccgg 660
 atcgtgccct tcaatctgct atctgatatt gatgtcgaaa aactttcaag cggccaaaag 720
 tcggaatgtt gattat 736

<210> 8777
 <211> 466
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8777
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 cttggtgtca agattgcagc caacgatctt gaacacgcca ttgctggctc tcgtctcatg 180
 gttgtcggac ctgacgatga cgaggaggat attgaagaag aagtcatgct tgatctcgag 240
 aaccttctca gcaagggttc caaggatcag cgcggtgtca gtgttcaggc ttctacactt 300
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 tccattgggc cgtctacaa gcgcgatgct atgatgtgcg gtacaatgtt ggagaaggcc 420
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<210> 8778
 <211> 1277
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 8778

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gagcggctga tctcgtcgtt gcgtaaaact tgcaattcgc atgagaagaa gttgctaaac 180
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<210> 8779
<211> 495
<212> DNA
<213> *Aspergillus nidulans*

<400> 8779

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 gcgcgcgggt gacagccgat caagcaagct ccttgcccgt atgccctcaa gtaagggtga 420
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 ccctgctcta ggcgt 495

<210> 8780
 <211> 555
 <212> DNA
 <213> Aspergillus nidulans

<400> 8780
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 accatcccca cctcacatct tccctacaat actaccccca cccctcacat ttctcttact 180
 ctcaaaaaca tctacatcat ccactaccac taccacttaa cactcctatt ccactcccta 240
 acacctatac ctaatctcca tactcttatt catccaacac tccacaccac atctcctatc 300
 caccacaata caccataaat cttctctacc tcaatcctca cccattccct ataacgaacc 360
 attacctttt ctctcaatct aacatattat acattatacc ccttccactc tcactcctct 420
 cgtcccata cataccttta cccatctcat cataccccct actacactca actctatact 480
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<210> 8781
 <211> 2146
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8781

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 cgattccctt ctgtgtcgcc cacctcaaca gcacctgcgc gggagtcttc ccgtgcttct 180

gatctgacgt cgtaaacggt agatgatggt agttgccgcc gctagtatcg ccggaattg 1860
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<210> 8782
<211> 1226
<212> DNA
<213> *Aspergillus nidulans*

<400> 8782

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tcatgagctc cccttgctat tgtcaggcga catctgcgta tggatgggag ggtcaagcct 180
cactcgttca ggcgtcacac ccgcgttgac catgttgctc aactccgata gactgttggt 240
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gaccataagt ggatgagaac ggcgtcaaag agaatcttcc acgcaggctt ctttgcagcg 360
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<210> 8783
 <211> 537
 <212> DNA
 <213> Aspergillus nidulans

<400> 8783

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 ctacaactca caccttaaca aatacatccc tatcattact tataattttc ttttactata 180
 ctcaaaaaac ctatcattac ctcttacaac taaataatct taatatcaat aaaaattcat 240
 tataattatt ctcccatact tatacaatta ataataccaa tcaactcaaa cattcattaa 300
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 cataaaacct aaaaaaatac atacatttct tacttaatac tccacattta accatttttt 480
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<210> 8784
 <211> 1296
 <212> DNA
 <213> Aspergillus nidulans

<400> 8784

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 tgagaatttg ttgcagaccg aggaatctgg agactaatgt gtgaggaact tcgggtggaa 180
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<210> 8786
 <211> 1215
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8786

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 aatccatggt attttggttg ggtagtgtt ggctctgatt ccgcaacttt ctttagctca 780
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<210> 8787
 <211> 1117
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8787

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 agagaaaaaa aagagccaaa ttaaggaaat gagaaaataa ttagaaagga aataaaaagt 180
 atgagaaaag ttgagaaata acagagtata agaaaaagat gtaatcgtaa gatgaaagtg 240
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 gaggggaatg acaacagagg cgataaattg aaagaaaatt agcgatatag aacagaataa 360
 ttataaagaa aggagagaat agacctaaag atagataact attaaatagg tagaacaaga 420
 tataataagg aagagcaaat aaataataat gagagtagac aaagagagat ataaagaatg 480
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<210> 8788
 <211> 523
 <212> DNA
 <213> Aspergillus nidulans

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 gtgctgcggg gtgctgatag cacgcaatgt cgcaacgac aactcaaggc cagaaacagc 240
 cagttgttca ggtacgacca cgagcacggt gggcgcaact tgagttttga gtcttcttat 300
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 tatgacggac atgcagctcg gaactagcag atccggacag aggcggaagt gaaggccgctc 420
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<210> 8789
 <211> 634
 <212> DNA
 <213> Aspergillus nidulans

<400> 8789

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 tcttatactc aattcatatt acctttttta tctcttctca ctatccaatc cttaccctga 540
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<210> 8790
 <211> 778
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8790

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 tatctttata tttttataaa aaatctatta aattctctaa agataattag aatagttatt 180
 aaatgataag aaatctcta agtttacaga gtaattacta ttaaatatag attattattt 240
 tactaagtat tgcaagatta cttatatcct aagctatata aagggcctta tataactacta 300
 gattataata ttcttatata tatatatata gatagcaaga ctttatatta ttctaatct 360
 taaaatttgg ctattataat atattactag attaattata gctaaaaaag taatatattt 420
 atttaattat aatatataac aactctagta gctagaagac ctattttttt gaataaagaa 480
 ttttatataa aaattttttg taaatttcta attagtactt aacaactagt aaattagaat 540
 tactaataag aagttatata aaaagaagtt atataaaaaa actagataaa ataaagaaat 600
 tatttagtat gagtctacta cttgcctcta cctgtcta atactagatta ttagattata 660
 ctagtaaaga tagaaaatat tatgaaggct ttttataaag atctaggatt ataaaaactt 720

actaagttag atctaaagaa agaaaggctg caaaagaatc tagtaatttg gaaattaa 778

<210> 8791
<211> 1445
<212> DNA
<213> Aspergillus nidulans

<400> 8791

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atgaagaagg aaaaggataa tagataagga atgaagaatg atgataagga aattaaaaaa 180
gagtggagag agtaggtgga aagaagaaaa aaaaaaagaa aagtaaatta gaaaataaaa 240
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gaaaatgata aaagaaagaa agtagaaaag aaaagaagtg tagaaaagat aggagaagaa 360
aaagagaaga atcaaagaga aagaatgtgg ataaaaaaaa gaaagagaaa aaaaaaaatg 420
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agtcgagcga aacattgaga aaatataatg aaatagaaga aagctgaaat gagcaaatca 660
agaagcaaca agaaggagtg gtaaaagagg cagattcatg acaatatctg acaagtggga 720
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 ccttc 1445

<210> 8792
 <211> 600
 <212> DNA
 <213> Aspergillus nidulans

<400> 8792

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 tcttttttat aattttatct ttttttacct cattccctat atattaatta attattcttt 180
 atatccgctt ctatatctaa ttcactctcat taaattctat atctttcttt atttatttta 240
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 aatctcactt ctaccacctt catttttttt ttttactctc ctaatttatt ttcttttttt 360
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 taccctttat tttatattta tctcacatct ttttcttaca tctctcatta atctatcttt 480
 tatctatttt accctttaag atttcttcct tactttttta acattcattc ctatttactt 540
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<210> 8793
 <211> 621
 <212> DNA
 <213> Aspergillus nidulans

<400> 8793

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 acttttcaata ttatcatact caattatctt acctcccgcc atacataata tcttttatcc 180
 ataaaataaa tcttgcacat tctacaatct atctctaatc tcttcgatat accacccttt 240
 ttcactttat ctacactcgc ccacccaat cgtaattaac tcactttccc ccatatacca 300
 catacaataa tatctatcca acctcatcct atacatctct tataccctga tcactaatc 360

tactatcaaa tcgtaccatc aaacatttat ctaatttata tctgttagcc acctcttcac 420
 aaacacgaca aatcatctct attactcacc attcactatt aacaaaataa ttctttcttaa 480
 taattctatc ataacatatc acacaatcta ttccatccta cgtctattat cctaattgcta 540
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 cgctcccatt atccttccac t 621

<210> 8794
 <211> 568
 <212> DNA
 <213> Aspergillus nidulans

<400> 8794

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 ccaaatttat ctaatataac atacacatct ttttttcttc atttaaaatt cttacatatt 180
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 aatatctcat aatactacat attttttaca ttacaattta ctactctaatt ccacatata 360
 cattattaat cttactata tacttactct tatcctacat cttctataat atataacatt 420
 acacttactt acatactatc tcataatcat ctatctactc ctattatata tatatactta 480
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 tattaccata ttcaattaat taaacttc 568

<210> 8795
 <211> 865
 <212> DNA
 <213> Aspergillus nidulans

<400> 8795

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 ggcggtcggt gaccagagga gatggtagcc caagagcatt ccaatagacc tggaacctgg 180
 ttgggttaact gtgtcggtga ctataaagcg tatcggaatg ggcatacccg tcccccttcg 240

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cacgggcgag ccacgactcc gcggtgtcgg ggagcgtgga ccacttggac ttgtaggtgt 480
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acagtttggt gattgcatga gattcatcat cgatgatgca ataagcagca ttcatacaaa 660
ctcccagctt gttgatgctg gtaatggctt gtctcgccg acaattgtgt atgtctctgt 720
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tggcgaccgg gaaagaccag ttgggtactt ggtgctcggg gcactcacct cataatcgaa 840
tctatcgcg aattctgttt tgatt 865

<210> 8796
<211> 515
<212> DNA
<213> Aspergillus nidulans

<400> 8796

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gacgcaattg aggggctgcg tctggtggaa cggaaaaatt tggatgagtc aagcaaccga 420
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<210> 8797
<211> 155
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8797

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 ggttcgcaga tgctgacatc tggcatccgg agaag 155

<210> 8798
 <211> 636
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8798
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 ctaggatgca cactgcgcca tcgagaatgc gcaatgaccg cagaacctcg aatgtgaagt 120
 ctgcgtgacc gggcgatatc atcaggttta ccatgtgaga tgacgcagat cttggagatc 180
 gaggggtcttg ccgagtagca ttgccgcact ccgcaggcgg ccagtggaag gtgatcgag 240
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 cttcatccac gtctcctatc cgtcttgtga gccactata atagagcatc cgctctgtag 360
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 tcacttgtga ttgcggatgg aaaactgaga acctccgtac ttgagaaaat cctggcttct 480
 cgagggacga tttaggtaaa gacgcaagtg ccagcactt gaccttgggg tagtcgagggc 540
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<210> 8799
 <211> 736
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8799
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actacctgcg ctacggtgtc gaccaggtcc cgacctgcca tcttcctttt gctgccgcga 240
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gtgaagtcac ggcggt 736

<210> 8800
<211> 922
<212> DNA
<213> *Aspergillus nidulans*

<400> 8800
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gacggagcag agcgtatagg tgaaggctgt aaatttcaca gtataccggg cccttggtga 180
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cctattggat ataacttcac aaggcataga aaatacttct ccattaacga ttttggaagc 420
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cggcagaaag ttagaagtta tggatatgtc catcccgttc atctgggtcaa tggctgagat 540
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gcatgcaata gaacaactct ggctgggtac aacaaaggcg aagcccgct ctatgcaata 720
cagaattgtt gcgcaaagcc ttaccaagac aaatgcgcta aacggtcata ttgccaagtg 780

tagaatgtag acagagagaa tattgaaggt tcatatgcta taactgatca taacaccagg 840
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 cagcttgcca agcagcttgt tg 922

<210> 8801
 <211> 646
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8801

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 cactaaccag tgcttttggg gggtcgttcg gggtagttag gacaagcact gcagtcaagg 180
 ctgaccctcc cactttacct ataacgccgg cctacaactg gatccgatct ggattactat 240
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 ctcaaagcag tgcacgcag cttttcgact tggctctatt gtggctgtga gggaaggaag 360
 gtccgtcgtc aggcttattg ggtgcgtata cccatcattt ccaacggccg ggcgctttgc 420
 acggcggaac ccaactggtt caaatcgact tcgtatgagg ctgacactat ttctgatctg 480
 tccatagaac atcgcatcag cccgaagaat cttcatttgc gtcttacccc gggtttttct 540
 gacgtcgacc ctttctcgc ttcacgcccc ccaccggtcg catttcaacc tcctcgcat 600
 tctccgctat tcacagctcg accaccatga cttcgatcag tagtag 646

<210> 8802
 <211> 857
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8802

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 caaatatctt ctccaacttc tactcgagaa tctacatatg cacatgagcg ccgcctcttt 240
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cgagatctga tgatgcaaaa caattcgtc cccctccagt ttgaccccat acttctctcc 780
aagctcgttc catcgatcaa ccgttatgtc tgcattatcc agattgaccc agacttgatt 840
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<210> 8803
<211> 971
<212> DNA
<213> *Aspergillus nidulans*

<400> 8803

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actatacatc cattgcctca cgatttgta tagcttcagg ggctcatata atgaccgaca 720
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ggctctgtta tacccttgac aaagacttcg cacttcgcac aggtcaagcg catgtcctca 840
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tggatcattc ccctggaacc gacgccgaca ttcgcggccc aattttcccc gtcgatctac 960
gtctgagcat a 971

<210> 8804
<211> 103
<212> DNA
<213> Aspergillus nidulans

<400> 8804

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ggaaattgta cgacgaggta atgcgactcc agggcagatt ggc 103

<210> 8805
<211> 584
<212> DNA
<213> Aspergillus nidulans

<400> 8805

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tattgccgac gtgccgtggg agagcggcat gcacgagtac catctgtcgc cgtcagggcc 480
gtccttgtcg tcattcctcc cggcgaagaa ggatcgactg atggaggcgt gacatgggtga 540
aacacacatg ggtgagacgg tggttacatg atgtttgcaa agaa 584

<210> 8806
<211> 792
<212> DNA
<213> Aspergillus nidulans

<400> 8806

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gaagaaattc agctcctgac gacagcagtg actactctga atagggactg atgacgggtg 180

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gatttgagaa tcccgcgaatt taatccgttg tttcttgtac agttgcctta tccttcaggg 360

ggaaatgagc tgatgagctt ctgactccc aagcaaactt gcaagtctcc gacgatcacc 420

tcctttttca acaaagaaca acaattatta tctgacaaca tcaaaactag agaacacacg 480

tttgaaagga ttttctttcc aatttaaaat cacctacaac ccgctcgtgg cgctgcaaag 540

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tagctctctg caggggacgga cgcgagcct gccgcagagc aacagggcgg accataacag 660

cgggaggact acgtgccagg gcggaacgag accagaccac ggcacagctt aagagcgcgga 720

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agagggcagt ca 792

<210> 8807

<211> 246

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 8807

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atacggcgaa atggagatct caagaagtcg acatgtactg gtctcgagca accgcaagcg 180

tcgcggctga ggtgtagaat gcctggaacc tagctgtatc cagtagaaga acgacaccag 240

atatga 246

<210> 8808

<211> 467

<212> DNA

<213> *Aspergillus nidulans*

<400> 8808

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tatacctata ttacttttaa taatctctta aaaaaaaca attaaaaaac taaaaacttt 180
aaacaacatt actaaattaa actaaattat tcacttacc actattacac aaataatcac 240
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tcacctccca tataatacct caactaaata cttaatttat atagacaagg accggcccaa 360
cccctctatt aaaataaata atatcactat aaattcacaa tgcaaaacat taattaatac 420
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<210> 8809

<211> 1503

<212> DNA

<213> *Aspergillus nidulans*

<400> 8809

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tggcaggctg tcgcggtgca ggcgttgatg ggtgttgtca atgggaatca gggcttggtg 180
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ccggttcttt acggcattgg tgggtgtcact ggccccttag tcggtggctt gcttgtcttt 300
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 <211> 204
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 8810

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 tgctccagat gcgnacgaat agggatgaga ttcaatgctg ggtgctcggg ttatacaggt 180
 cccgtgataa ctttcgattc atac 204

<210> 8811
 <211> 717
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8811

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ggctttcaaa ttgttctcc cttttcaagg gtaggaaacc ttgatatac gtcttttgaa 180
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 aatgttctat tgacaaagat tctctagtat aagtcccagt gttctatccc tggctatcac 420
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<210> 8812
 <211> 118
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8812

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<210> 8813
 <211> 764
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8813

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<210> 8814
 <211> 1138
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8814

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<210> 8815
 <211> 640
 <212> DNA
 <213> *Aspergillus nidulans*

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 gccaccgccg cccatgtgaa gctacagagt tacgaccggc cgaatgtccc agatgatggc 180
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<210> 8816
 <211> 1218
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8816
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<210> 8817
 <211> 327
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8817

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 tggatcgggt antcgggata tgagatggag tggagagcga agatctaggg taaggagga 180
 caggcttcca ggnaggagcg gtggattgtt gacggcaagc gtaggaagtt ggctgtcatg 240
 gtcgggacga acgccattat gctgggggag gggaagttn agtggttagg cccagcagtg 300
 ggccagggtg agcttgggca gacgata 327

<210> 8818
 <211> 108

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8818

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 cagtttcggg acaattgcat tcggttctgc tgtacgacat ctgcttga 108

<210> 8819
 <211> 1159
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8819

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<210> 8820
<211> 153
<212> DNA
<213> Aspergillus nidulans
<400> 8820

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acacggtact atatctgtac gctcttggtc aca 153

<210> 8821
<211> 561
<212> DNA
<213> Aspergillus nidulans
<400> 8821

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<210> 8822
<211> 200
<212> DNA
<213> Aspergillus nidulans
<400> 8822

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<210> 8823
<211> 1475
<212> DNA
<213> *Aspergillus nidulans*
<400> 8823

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<210> 8824
 <211> 1402
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8824

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<210> 8825
<211> 777
<212> DNA
<213> Aspergillus nidulans

<400> 8825

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<210> 8826
<211> 1336
<212> DNA
<213> Aspergillus nidulans

<400> 8826

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<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations
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<213> *Aspergillus nidulans*
<400> 8828

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8830

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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 8832

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<400> 8833

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 <211> 1527
 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8837

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8838

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<210> 8840

<211> 815

<212> DNA

<213> *Aspergillus nidulans*

<400> 8840

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<212> DNA
<213> *Aspergillus nidulans*
<400> 8841

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 <211> 543
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8844
 <211> 597
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8844

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<210> 8845
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8845

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<210> 8846
 <211> 1312
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8846

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<210> 8847
<211> 831
<212> DNA
<213> *Aspergillus nidulans*

<400> 8847

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<210> 8848
<211> 1702
<212> DNA
<213> *Aspergillus nidulans*

<400> 8848

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<211> 474
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8849

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<210> 8850
<211> 987
<212> DNA
<213> Aspergillus nidulans
<400> 8850

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<210> 8851
 <211> 272
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8851

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<210> 8852
 <211> 391
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 8853
<211> 1432
<212> DNA
<213> Aspergillus nidulans

<400> 8853

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<210> 8854
 <211> 1427
 <212> DNA
 <213> Aspergillus nidulans

<400> 8854

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 <211> 1327
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8855

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<210> 8856
 <211> 105
 <212> DNA
 <213> Aspergillus nidulans

<400> 8856

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<210> 8857
 <211> 345
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8857

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 agtcgcatag gatccctttg tggacggagg aaggtaggta cttcaatttg cttcttgagg 240
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<210> 8858
 <211> 549
 <212> DNA
 <213> Aspergillus nidulans

<400> 8858

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<210> 8859
 <211> 626
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8859

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 gataggctta tagagtttgg atatgtaagt atctgaatac tcagcgtatg tatgcttggt 540
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 atggactatt gagggagaaa aagaaa 626

<210> 8860
 <211> 1577
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8860

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aggtt caatg agttct ggtt ctcgga gctt gcagag gaat cgcagg gtgt tgcccc gcac 240
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cagagaa atg gacaag agat aaatag cggc catatc agtc cttacc acac caggat catt 360
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gttca atgag cggcc gagcg aaggag agca aggaga agga gagct gagag cggcct gtta 720
gtacgg gga ccagg tggt ttttgg gccc tttagg gaga aggag acctg gaggac gaga 780
gatgg agacg aaccag gaaa aactc ccca gtaac acagc ggacgg aagt tagtgg tctc 840
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1577

<210> 8861
<211> 973
<212> DNA
<213> Aspergillus nidulans

<400> 8861

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<210> 8862
<211> 1304
<212> DNA
<213> Aspergillus nidulans

<400> 8862

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<210> 8863
 <211> 876
 <212> DNA
 <213> Aspergillus nidulans

<400> 8863

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<210> 8864
<211> 569
<212> DNA
<213> Aspergillus nidulans

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<210> 8865
 <211> 914
 <212> DNA
 <213> Aspergillus nidulans

<400> 8865

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<210> 8866
 <211> 859
 <212> DNA
 <213> Aspergillus nidulans

<400> 8866

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<210> 8867
<211> 536
<212> DNA
<213> *Aspergillus nidulans*

<400> 8867
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<210> 8868
<211> 708

<212> DNA
 <213> Aspergillus nidulans

<400> 8868

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<210> 8869
 <211> 1418
 <212> DNA
 <213> Aspergillus nidulans

<400> 8869

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<210> 8870
<211> 826
<212> DNA
<213> Aspergillus nidulans
<400> 8870

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<210> 8871
 <211> 1487
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8871

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<210> 8872
<211> 971
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8872

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<210> 8877
<211> 391
<212> DNA
<213> Aspergillus nidulans

<400> 8877

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<210> 8878
<211> 1238
<212> DNA
<213> Aspergillus nidulans

<400> 8878

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<210> 8879
 <211> 575
 <212> DNA
 <213> Aspergillus nidulans

<400> 8879

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<210> 8880
 <211> 729
 <212> DNA

<213> Aspergillus nidulans

<400> 8880

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<210> 8881

<211> 1342

<212> DNA

<213> Aspergillus nidulans

<400> 8881

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 8882

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<210> 8883
<211> 1000
<212> DNA
<213> *Aspergillus nidulans*

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<211> 764
<212> DNA
<213> Aspergillus nidulans

<400> 8884

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<210> 8885
<211> 373
<212> DNA
<213> Aspergillus nidulans

<400> 8885

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<210> 8886
<211> 2017
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<213> Aspergillus nidulans

<400> 8909

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<212> DNA
<213> Aspergillus nidulans

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<213> *Aspergillus nidulans*

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<400> 8932

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<400> 8935

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<400> 8936

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<400> 8937

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 <213> *Aspergillus nidulans*

<400> 8939

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<400> 8940

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 <213> *Aspergillus nidulans*

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<400> 8943

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<211> 1520

<212> DNA

<213> *Aspergillus nidulans*

<400> 8944

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 <400> 8945

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8946

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8948
 <211> 428
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8948

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 aatccaacga gactagaccc ctcgatgcac tcagcccatg gtcattctcat tctgctctt 360
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 <211> 956
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8949

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<211> 127
<212> DNA
<213> Aspergillus nidulans

<400> 8950

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<210> 8951
<211> 500
<212> DNA
<213> Aspergillus nidulans

<400> 8951

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 <213> *Aspergillus nidulans*

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<210> 8953
 <211> 900
 <212> DNA
 <213> Aspergillus nidulans

<400> 8953

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8954

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 <213> *Aspergillus nidulans*

<400> 8955

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<212> DNA
 <213> Aspergillus nidulans
 <400> 8956

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<211> 1176
<212> DNA
<213> Aspergillus nidulans

<400> 8957

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<210> 8958
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8958

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<400> 8959

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<213> *Aspergillus nidulans*

<400> 8960

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 <400> 8961

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<210> 8962
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<212> DNA
<213> Aspergillus nidulans

<400> 8962

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<210> 8963
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<212> DNA
<213> Aspergillus nidulans

<400> 8963

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<210> 8964
<211> 756
<212> DNA
<213> Aspergillus nidulans

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<213> Aspergillus nidulans

<400> 8965

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<211> 1987

<212> DNA

<213> Aspergillus nidulans

<400> 8966

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<400> 8967

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8968

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 <213> Aspergillus nidulans
 <400> 8969

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<213> Aspergillus nidulans

<400> 8970

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<211> 120
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans

<400> 8972

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<211> 252

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 8973

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<210> 8974
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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 8975
<211> 531
<212> DNA
<213> Aspergillus nidulans
<400> 8975

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<210> 8976

<211> 813
 <212> DNA
 <213> Aspergillus nidulans

<400> 8976

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<210> 8977
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 <213> Aspergillus nidulans

<400> 8977

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 <212> DNA
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 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
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<210> 8980
<211> 962
<212> DNA
<213> *Aspergillus nidulans*

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<210> 8981
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8981

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<210> 8982
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8982

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260

<210> 8983
<211> 1428
<212> DNA
<213> *Aspergillus nidulans*

<400> 8983

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<210> 8984
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<212> DNA
<213> Aspergillus nidulans

<400> 8984

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<212> DNA
<213> Aspergillus nidulans

<400> 8985

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 <213> Aspergillus nidulans

<400> 8986

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<400> 8992

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 <213> Aspergillus nidulans

<400> 9004

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<212> DNA
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9006

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<210> 9007
 <211> 1080
 <212> DNA
 <213> Aspergillus nidulans

<400> 9007

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 <213> *Aspergillus nidulans*

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<210> 9009
 <211> 1671
 <212> DNA
 <213> Aspergillus nidulans

<400> 9009

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<210> 9012
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<212> DNA
 <213> Aspergillus nidulans

<400> 9012

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<210> 9013
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9013

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 <213> Aspergillus nidulans

<400> 9014

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 <213> Aspergillus nidulans

<400> 9015

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<211> 440
<212> DNA
<213> Aspergillus nidulans

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<210> 9017
<211> 1134

<212> DNA
 <213> Aspergillus nidulans
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 <213> Aspergillus nidulans

<400> 9018

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<212> DNA
<213> Aspergillus nidulans

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<210> 9020
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<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

<400> 9021

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 <212> DNA
 <213> Aspergillus nidulans

<400> 9022

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<210> 9023
 <211> 177
 <212> DNA
 <213> Aspergillus nidulans

<400> 9023

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<210> 9024
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9024

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<210> 9025
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9025

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 <212> DNA
 <213> Aspergillus nidulans

<400> 9026

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<210> 9027
<211> 355
<212> DNA
<213> Aspergillus nidulans

<400> 9027

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<211> 346
<212> DNA
<213> Aspergillus nidulans

<400> 9028

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<210> 9029
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<212> DNA
<213> Aspergillus nidulans

<400> 9029

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<210> 9030
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 9032
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 9032

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<210> 9033
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 <213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

<400> 9037
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<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<213> Aspergillus nidulans
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9044

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<400> 9045

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<213> *Aspergillus nidulans*
<400> 9046

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 <212> DNA
 <213> Aspergillus nidulans

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<212> DNA

<213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 9053
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 <213> *Aspergillus nidulans*

<400> 9054
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<213> Aspergillus nidulans

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 <211> 548
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9056

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<210> 9057
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<212> DNA
<213> Aspergillus nidulans

<400> 9057

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9058

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9059

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<210> 9060

<211> 537

<212> DNA

<213> Aspergillus nidulans

<400> 9060

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<211> 1305
<212> DNA
<213> Aspergillus nidulans

<400> 9061

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<213> Aspergillus nidulans

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<210> 9063
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<212> DNA
<213> Aspergillus nidulans

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<210> 9064
<211> 739
<212> DNA
<213> Aspergillus nidulans

<400> 9064

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<210> 9065

<211> 464

<212> DNA

<213> *Aspergillus nidulans*

<400> 9065

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<210> 9066
 <211> 294
 <212> DNA
 <213> Aspergillus nidulans

<400> 9066

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<210> 9067
 <211> 804
 <212> DNA
 <213> Aspergillus nidulans

<400> 9067

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<210> 9068
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9068

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<400> 9069

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 <213> *Aspergillus nidulans*

<400> 9070

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

<400> 9073

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

<400> 9075

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 <213> Aspergillus nidulans

<400> 9076

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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 <213> Aspergillus nidulans
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 <213> Aspergillus nidulans
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 <213> Aspergillus nidulans

<400> 9081

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 <212> DNA
 <213> Aspergillus nidulans

<400> 9083

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 <213> *Aspergillus nidulans*

<400> 9084

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<213> *Aspergillus nidulans*

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<210> 9092
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<213> *Aspergillus nidulans*

<400> 9092

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<213> *Aspergillus nidulans*

<400> 9093

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<400> 9095

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<400> 9099

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 <213> Aspergillus nidulans

<400> 9106

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<210> 9110
 <211> 321
 <212> DNA
 <213> Aspergillus nidulans

<400> 9110

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 catggctgga tcgtccacat caacggcacc cggcatgacg gccgtattta aagccgactt 180
 ctctcgacg aagcgatag catgtccatg ttcaccaacg accattgcac atccgatctt 240
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 <213> Aspergillus nidulans

<400> 9111

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 ggtttggcgc tttcgccagt tgacggaacg tactcgcatc cgcaaagaag caaaaccaag 180
 cgatgcattg acgattgttt catcgtaaag ccctagcgtc tgatctgtcg acgttggatg 240
 tatgtcaatt gacgatgcat atagggccac agggcgccga catatgactg gtcgcgttga 300
 tcctaattgg tgatcaattg gacgaaagtc catccttcgg aagagagtgg acaggcgatt 360
 ccgagttaaa atcaatcttc gatacgggaa tctcttaaat cctttcagta tctgttcagc 420
 aacatccttt gaacgtcacg gtacttcaga catagccggg tcgtgccttg gcatactcgt 480
 tggatcttcc aactaccaca gacagcgccg gtcacaaga cgatcctctt gaataaggca 540
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 cgtttcgcaa acaatcacca tctcgactct ctttttctg catcctcttg aaagtcgcag 1380
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<210> 9112
 <211> 521
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9112

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 ctcttggtg catcaggtaa agacctggaa cccatgcgga caggtagcaa atacggagta 420
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<210> 9113
 <211> 1644
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9113

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aattaactat cagcagcata tatgatcaac gtgtcaatgc agatgctcag atcttctgac 1560

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 <211> 438
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9114
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 ttgcgctcag cacttggcgt ccctgctact gagccgacgg tatagaggag cgagcgtctc 180
 ctctacatca accgctgaac gctgccttct gacacttggc ccggaaaacc ggcacgcga 240
 agtgatcata ttcaatgccg tgtcaatctc ctccacagtc acctcttggc cgctgacaat 300
 atgattttct gcttgtctca tcacgttctc aacgcattga ccgaggtctg ctccgccaga 360
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 aatcctagcc aagttggt 438

<210> 9115
 <211> 1428
 <212> DNA
 <213> *Aspergillus nidulans*

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 aaaaagattg ttctctggtc catgcttggg gccatctggc catgtgctgt agcccgcttg 420
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 aatggtcttg atacgtgggg tctgctgtgt aaagggcaac tgattctctga ataccaggtt 1080
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 cgcgttgacg cgcctagaac ctgatcgata tatacttcta gtagtggttg cctcgttct 1260
 ctgcaatgca gcgttttatt ttctgtcggt cctatctagt gaaggagagg aagaggaaaa 1320
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<210> 9116
 <211> 843
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9116

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 atggaatgta agtctagatt ggcattgcaa ctgagtatca gagaagtcga tattctgaca 180
 aagggatcgt aggttcctaa tagcccagct ttatatccaa tcaactaggag caaaagacac 240
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 cgaggctatg cagaggctca tgctgctcgc aactgctcag cttgctctgc gagtcacgc 360
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cgatgaatta gaatcagagg acgaagacat cccggaagaa tgtttgattg atcagaccaa 480
gattattaac gcttgcggtg gactgatcag gatcgatgag gagagtcaaa cgatcggttt 540
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cgcatgtcgg cacttctgcg accacatccg agatgaactg gagtgtaaag acctgcatca 780
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<210> 9117
<211> 530
<212> DNA
<213> *Aspergillus nidulans*

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ggttacgaag gtctccgta agttacgact cagccttagt ctctactgaa ttgacgattg 180
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tccccttgac gatcagcagg agtttgatgc gtggcttagg gcccgctgga cagagaagga 360
cgaactgctc gatgaatact ttgagaccgg gcgattccca tccgcgttgg ccggtagtat 420
tgaagtcggt catggtgatg cacacagttg aatgcagccg aagacggata cgccgagcgc 480
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<210> 9118
<211> 1981
<212> DNA
<213> *Aspergillus nidulans*

<400> 9118
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cctgaatccg ttctgctcat cgtatcctgc gacttaggac ggtgaatcct tgtaatgatc 120

Parameter	Value	Unit	Source
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β	0.001	cm ² /s	Table 1
γ	0.001	cm ² /s	Table 1
δ	0.001	cm ² /s	Table 1
ϵ	0.001	cm ² /s	Table 1
ζ	0.001	cm ² /s	Table 1
η	0.001	cm ² /s	Table 1
θ	0.001	cm ² /s	Table 1
ι	0.001	cm ² /s	Table 1
κ	0.001	cm ² /s	Table 1
λ	0.001	cm ² /s	Table 1
μ	0.001	cm ² /s	Table 1
ν	0.001	cm ² /s	Table 1
ξ	0.001	cm ² /s	Table 1
\omicron	0.001	cm ² /s	Table 1
π	0.001	cm ² /s	Table 1
ρ	0.001	cm ² /s	Table 1
σ	0.001	cm ² /s	Table 1
τ	0.001	cm ² /s	Table 1
υ	0.001	cm ² /s	Table 1
ϕ	0.001	cm ² /s	Table 1
χ	0.001	cm ² /s	Table 1
ψ	0.001	cm ² /s	Table 1
ω	0.001	cm ² /s	Table 1
φ	0.001	cm ² /s	Table 1
ϑ	0.001	cm ² /s	Table 1
ϖ	0.001	cm ² /s	Table 1
ς	0.001	cm ² /s	Table 1
η	0.001	cm ² /s	Table 1
θ	0.001	cm ² /s	Table 1
ι	0.001	cm ² /s	Table 1
κ	0.001	cm ² /s	Table 1
λ	0.001	cm ² /s	Table 1
μ	0.001	cm ² /s	Table 1
ν	0.001	cm ² /s	Table 1
ξ	0.001	cm ² /s	Table 1
\omicron	0.001	cm ² /s	Table 1
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ρ	0.001	cm ² /s	Table 1
σ	0.001	cm ² /s	Table 1
τ	0.001	cm ² /s	Table 1
υ	0.001	cm ² /s	Table 1
ϕ	0.001	cm ² /s	Table 1
χ	0.001	cm ² /s	Table 1
ψ	0.001	cm ² /s	Table 1
ω	0.001	cm ² /s	Table 1
φ	0.001	cm ² /s	Table 1
ϑ	0.001	cm ² /s	Table 1
ϖ	0.001	cm ² /s	Table 1
ς	0.001	cm ² /s	Table 1
η	0.001	cm ² /s	Table 1
θ	0.001	cm ² /s	Table 1
ι	0.001	cm ² /s	Table 1
κ	0.001	cm ² /s	Table 1
λ	0.001	cm ² /s	Table 1
μ	0.001	cm ² /s	Table 1
ν	0.001	cm ² /s	Table 1
ξ	0.001	cm ² /s	Table 1
\omicron	0.001	cm ² /s	Table 1
π	0.001	cm ² /s	Table 1
ρ	0.001	cm ² /s	Table 1
σ	0.001	cm ² /s	Table 1
τ	0.001	cm ² /s	Table 1
υ	0.001	cm ² /s	Table 1
ϕ	0.001	cm ² /s	Table 1
χ	0.001	cm ² /s	Table 1
ψ	0.001	cm ² /s	Table 1
ω	0.001	cm ² /s	Table 1
φ	0.001	cm ² /s	Table 1
ϑ	0.001	cm ² /s	Table 1
ϖ	0.001	cm ² /s	Table 1
ς	0.001	cm ² /s	Table 1
η	0.001	cm ² /s	Table 1
θ	0.001	cm ² /s	Table 1
ι	0.001	cm ² /s	Table 1
κ	0.001	cm ² /s	Table 1

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 ttgctcttgc tccgatgtcc ccgatctatg ccgatgaggt ggtaacatgg ccaattcgag 1920
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<210> 9119
 <211> 753
 <212> DNA
 <213> Aspergillus nidulans

<400> 9119

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 aaaccgtcac atctctgact ccagaaatgg tgatgtttgc tgctagatgg atcgtgtccg 180
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 aagaactgtc tggaataggg cgcgccgtga tactcttgac ttctaccttc tggatggcgc 360
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<210> 9120
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9120

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 <211> 945
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 <213> Aspergillus nidulans

<400> 9121

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<210> 9122

<211> 189

<212> DNA

<213> *Aspergillus nidulans*

<400> 9122

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agacaccaag acgccgcat agtccggccg aggttgaaa tgtcgccgag aaactcgcg 120
ccccaatga gatgccgcaa gatggcctct atgctcccgc gaccgaccag ctgagccgga 180
acctgcgcg 189

<210> 9123

<211> 564

<212> DNA

<213> Aspergillus nidulans

<400> 9123

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cgatctcata caaagaactg ctaaaaaaaa gaaaagagtt tcgactcctc tagcccccttc 180
aaagacagtc tcccagcagc ttataatggc attttagatg actctatata ttctgcttaa 240
ccagccaagt aaaaccacaa tatttgaaga aaaaagcaag gcgggaaaga cttcgaccca 300
acatctgatg ccccttaata aaggctatcg acacaagaga ccagagattt tctagaaaaa 360
taatgaaaaa gtgagacagg atttatcaac ttctgctgca cctccagctt attaagcgca 420
aaggcacact ccaccaagag gttcaaactg ccatttttag gattatacta attcctgcac 480
cttcatgcgt tggtttctag ttgcgaaccg cttcagggtc caagcccag cgaagtcgag 540
gtggtggcta atgactggtg gatt 564

<210> 9124

<211> 271

<212> DNA

<213> Aspergillus nidulans

<400> 9124

gtgctctcta cccccactg gtgtagcctc tagacatgca gaatcggccc cttgaccgac 60
ctatggtcat acacctatgg ccggtgtatg agatggcctt tgacgcctcc acagaatata 120
ctagccgtga gcataagggtg gatggcctcg agacactaat gcgagactta actgacactg 180
cttgctgct gctcgtgac tactttacag tcttgaacc tggcgagctt actacattaa 240
tgaatggttt caaactccgc acgctggtta t 271

<210> 9125

<211> 182

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 9125

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gttcgttaga tcaatccaga ggggtgaagat ctagttgact ggtccagggg tcccagaaaa 120

cacaatgtaa acagcgggtt ggaagaaga aggagaggtt catggaagtg aggggtggac 180
ga 182

<210> 9126
<211> 534
<212> DNA
<213> Aspergillus nidulans
<400> 9126

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ttcatcagac atgaaggggc tgtagacag cagatgcact cctccagaga catctccaat 120
tagcatgtta gattggtctg gtgagaatgc cccgcacata atcccttctt ggagactggc 180
tacgtcctgg acaagcacgt cctcaggagc acgaaggatg ttccaccttt tgaccatccc 240
atctgaagca cctgtataga aggagtcgta gcttgcgccc catagctgca tattaacgcc 300
agtgtccgcc tgctccgat caattgtctc atcaagctga tttaaaggat caccatgtct 360
aagcttgtgc aggatttcgt caggatttcg cttgtcccag atatattgta ctccatccgt 420
acaaccagct gaaatatagt tggatttcaa gggcagaata ctacttcatt catgtctaga 480
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<210> 9127
<211> 1125
<212> DNA
<213> Aspergillus nidulans
<400> 9127

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ctttcgactt gaagccgctg gatatgacga ttctttggct cgactatgat aaccatggct 180
tgggttctgc gagtgtgggg cccaaccgt ttgagcagta tcggtgtaag acggaaccgt 240
ttgatttcgc ttttgagctt agtcttctt cctgagttct tgatgctgtg aaggccgaag 300
acctgctctg taatacggtg gggctgggta taactaatgc agatccgagt ttagtttggg 360
agctgtgaca tgagcaagaa aaagttatac agcctcgact atagtaggca gtcgacgcag 420
gcttcacatt aacattagta ttagaaaaca gtgactggta actacctaata tccaccataa 480

gtgcttcttc atgaatcatc gctatattca tttgattgcg tcgtgacaga cacaagacaa 540
aactaagggtg gtacaaggga agaagagaaa aatgcggaaca aacctcttac tcgagttccg 600
cacatgcagt agacaccaag tgggataata gagctccgag tagttgttat gcggtataga 660
gcaataatcc cttgccaaact gtgcaataga tgcctttgaa ccccttaaga atgctacaga 720
cggccccagg cattaccgct taacaggctg cccattgacc aaaacatggg gcgtgcgttt 780
ctcgacattc acggagcgcg cagtcagaga cgccggctcg gtaccagtag ccagagctgc 840
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aaaggcattg acggcctgga gactagcgag caaagcaaag gtgatgtact ggctgatcca 1020
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<210> 9128
<211> 1028
<212> DNA
<213> Aspergillus nidulans
<400> 9128

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gctgttatga cgaggcgctg gtactggctt gatgaggcgt ccatacgtag tttgcggggc 180
ccgcctcgtg tgtagtagac tgccatgccg gtggcgggga cgacggccag gtaggcgatt 240
gcgaccagc agtgaaggta gatggcagcg gctacgaagg caagcaggac cgcccaacca 300
gtccaggaga agaggcggtg gaacaaggag gccgtggtaa tggattccct gtcctcatct 360
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ttcgtgtgct gattcttgat ctggttaagc ggtgttgagc cgacgcagag acgcagagtc 480
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gagcgccga agcgatccat cagcatttt ccatctggag ctggcacttc acccagcagc 600
tttcttcctt cgttgagac tgcccacgac cacagaggga tctgacctgt gagctcaaag 660
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gcaagtcccg agagcagcag gtgggttggg ctgccaggc tgcgttgag gtagaaagcg 780
tcaaacatga tgtatgcccc acccaagtga gcagagaatc gagcaaagaa ttgcctacag 840
tgaacggtgc cgtagggact cgtgtggcct gctttatgtt atgttgaatc ttgtaccgcg 900
aggctcttga agaaagccca aactaagga cggctccgga caatgtcttg acagatttta 960
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ataattag 1028

<210> 9129
<211> 1011
<212> DNA
<213> Aspergillus nidulans

<400> 9129
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cactctcgtc ccagaaatca caatatagca agcttcgaca tgatgaggat ttctggtcac 180
tgatgttctt cgtgggttgg atcattcagt ttatcacgca gtcaaccaat ggtgctgcat 240
ttgccgatg ctccgagaga cttattcgtc gcgcgagaag cactgccttt cggacgatac 300
tccgtcaaga cattgctttc ttgacaagg aagagaatag caccggcgct ctgacctctt 360
tcctgtccac cgagacgaag catctctccg gtgttagcgg tgtgactcta ggcacgatct 420
tgatgacctc caccacctta ggagcggcta tcattattgc cctggcgatt ggggtgaaat 480
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atatgctagc ccagtttcaa tcacgtcca agcttgctta tgagggatct gcaaactttg 600
cttgcgaggc tacatcgtct atccgcacag ttgcgtcatt aaccgggaa agggatgtct 660
gggagattta ccatgccag cttgacgcac aaggcaggac cagtctaatc tctgtcttga 720
ggtcatccct gttatatgcg tcgtcgcagg cacttgtttt cttctgcgtt gcgctcgggt 780
tttggtacgg agggacactt cttggtcacc acgagtatga cattttccgc ttctttgttt 840
gtttctccga gattctcttt ggtgctcaat ccgcgggcac cgtcttttcc ttgaccag 900
acatgggcaa ggcgaagaat gcggccgccc aattccgacg actgttcgac cgaaagccac 960
aaattgataa ctggtctgaa gagggcgaga agctcgaaac ggtggaaggt g 1011

<210> 9130
 <211> 442
 <212> DNA
 <213> Aspergillus nidulans

<400> 9130

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 gtcagggtcac tgctactgat aatggctctc acttgtagat tgtgaatagg actctcacga 180
 ctgtggaggg atgcctcggg aaataactgtg tggatatatac gcagcccgt caatcagtgt 240
 ttctttgacg aataaaggct ctgactggga ggcccctgca ggagactact atgcctagga 300
 cactcatata gatcatctct agccacaggg aaccttgtgt aaatgccggg gacggcagaa 360
 cagtgatatt ggtcttcatt ctacacggcc agttgccatg cactgaactt tggattcacc 420
 cttccttttc ctaaactgtt tt 442

<210> 9131
 <211> 907
 <212> DNA
 <213> Aspergillus nidulans

<400> 9131

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 agacaatcca agtccaagtc caagtccacg gcagtcaaac agtcgggtctc acgatggctc 240
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 acagcacgtt gtttaccata gcgacgggtga ggactcgggg ctggacagtt ggtaccaata 600
 ccgccaatac tattctggta ttcgacatat atcggaacg aacgttacct cgacggtacc 660

tcgacagtac ctcgtacaca atacggtatg atgcagcgta cagaatagaa aggaatagaa 720
caagggttcc gtcatagctg tcatagggct atccttacta tttatagctc ttctccgcac 780
cacgtctgat tgggtcaaatac acaactatat cattgccagt ctccaactgt gtgtaaacac 840
agtgcggaca tgccaatgta tacaatacac tccaacactc aacactccaa tacaccaata 900
tccgacc 907

<210> 9132
<211> 705
<212> DNA
<213> Aspergillus nidulans

<400> 9132

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ggggtgactg ggcgagacag agcagactta ccgaaatgga gctaggacag cgaagaagga 120
ctgcaagacg cgacagacag cgagagatgg atacaaagac cgagagagag aaagagagac 180
gagagagaaa gtggagagaa gagaaagagg tgcaggtcga gaggaggcct gagtaagtca 240
aagatccgca gggctctcag gttcgggttc ctggacgctg aatgtgattc gaccgcccc 300
accaccttgc gactgactgg ggatgccgtg aattgtatcc ggtggctctg ctgggagtct 360
ggatcggtat actctcttac tgttactcta gctactttcc ctaaccttgg ccattctgc 420
tgagtctctg tctgtattca gactacactc tgtccccaag acaatccttc tagtttcgcg 480
gagtggcctg atagcaaacc gacgaatcgg aatttcccta ttttcccctt agtcacacta 540
attgcacaaa tacaatcctt ttatgtacac tttgcactac tatgtagcac caatcgtcaa 600
cggaatcgg aaattccatc gcattctcat cattacaagg acaagaaaaa gaccagttc 660
tagtatcagc accagtatca gcaccagtat cagtaccatt atcag 705

<210> 9133
<211> 1503
<212> DNA
<213> Aspergillus nidulans

<400> 9133

atccaccaca gagttcgggtt cggactccca catcaatcgc gggacggagt tgcagggata 60
gagcctttag taccgaaggg aaagttctat tggcagcatg aagtgagcgt ccagctatcc 120

agcgtctctt gtgatgttag ctggcaacat tgcagtctga ttggaggcaa ggtcggagag 180
 gcacgcaatg ggacacatct ctgggaaaca agctatcgag aggcagaatt tctactgcact 240
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 agctattcgg cgtctaacat tagacgcca gaaactaacc tcgacggccc caaatatta 1440
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<210> 9134
 <211> 506
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9134

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agagctcaac tctaccatca caccaa atgc tacgacgcag ccacctttcc cctcttgcat 180

aagtcaccgc gagctctcct ccgaatcacc agccacaaca agcaccgata gtaataccaa 240

cacaaacccc aactgcaaca ccagcacctg cactgggtcca ggctcctggg cgcgttacga 300

ccctcatact cactctctcc cccaagaccc attctaccaa tccacccaat tcgattcaac 360

cactaccaca aacacaagcc caaccagcc cagcgaaccc cctagcacaac acacaccgtc 420

cagctacgat ttcacagatc caaacatcgc catgaccatg ggcatgcgta tggacaataa 480

catgcccgcg gtatgagtat gagcat 506

<210> 9135

<211> 379

<212> DNA

<213> *Aspergillus nidulans*

<400> 9135

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tgggaacata caatgtcgac cccgactcgg tctccatctc cggcttttct agcggcggct 120

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ttccatcgag attccaatgg agaacaatccg cctctgggat gggaagcaaa ttgacaaaat 360

caccaatcta aagtcgcgc 379

<210> 9136

<211> 757

<212> DNA

<213> *Aspergillus nidulans*

<400> 9136

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tgggcaatgg cttgacgtac gctctctaga ctgtctacgc ttgcgttttc taaaagaaat 180
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<210> 9137
 <211> 197
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9137
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 atcggtgcga tcactaggac ggcctagccg cgctatccgg gtgcctggct ctcgaagtct 180
 ggttaagacg tctatag 197

<210> 9138
 <211> 447
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9138
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 aatgtgcggc agacgggtat agtaggaaaa ggtatagacc tgcgcgagat acggcgcaga 120
 aagctattca tatagcga attgagatac tcatgaagct ctctatatgg gaatatgcat 180
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 gtacaaaaac ctttttctaa gttattttta gccctaagta tcgatattgt cctgtaatta 360
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<210> 9139
 <211> 1760
 <212> DNA
 <213> Aspergillus nidulans

<400> 9139

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 gtaccggccc cgtcaattgg tttatcaa atgcttcgat cgtatcaagc 180
 gccgggacct tagtgacagg gacagctcca acttgagctg gctgtaaaaca gaccccttgg 240
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 aatacatgcg ccctcattgg cgagcaagca gagtgggtgc tcacacagtg attgtctgtg 600
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 tcctgcgtcc agtctttctg tcttggtaca cggaacctga accagtcagg tgaggccctg 840
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 tacgatacat acagtacggg attctgtact cattactcga gtcacaactc aagcgtactg 960
 ccgtaatttt gcaaactct agccccggcg catgttcctg gagcttgagg catctgccaa 1020
 tctctagact actggaggtg gaatctcagt cgacgactcg ctatgccgtg agaatgtgag 1080
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tccctgagcc atacaatata acctaccgac tccaggtggt gtccgtccag cacggcacgc 1260
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acatctaacg tcgcttcgta 1760

<210> 9140
<211> 453
<212> DNA
<213> *Aspergillus nidulans*
<400> 9140

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<210> 9141
<211> 246
<212> DNA
<213> *Aspergillus nidulans*
<400> 9141

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 tgtatatctt gtagtattgc tcttatacgg cgagatgcac gctcccatca cggtcattgc 180
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 tctcat 246

<210> 9142
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 <213> Aspergillus nidulans
 <400> 9142

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 tctctgctgc caatcgttgt gagattccta ttcgtatctt ccgaacagcc catgagctat 240
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<210> 9143
 <211> 493
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9143

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<210> 9144
 <211> 373
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9144

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 ggaaaagttc gtaagtgtg tgctcaggct gtaatagagc tcaaggttct ctctgcgatg 180
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ggctcagggc cgaagagcgt gcaagcgctc tgattcgagg atatttcacc gcctcgtata 300
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<210> 9145
 <211> 124
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9145
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 gatg 124

<210> 9146
 <211> 1712
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9146
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 tcgccgctga tcaacttggg tagtcatac tgtaagcacc ggacccgaga ctcggtgtcca 180
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 aagctttcgt ttgccgaag gaggtgactc tgccgaagca tcaggggatc gtgggcccac 540
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<210> 9147
<211> 1100
<212> DNA
<213> Aspergillus nidulans

<400> 9147

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<210> 9148
<211> 578
<212> DNA
<213> *Aspergillus nidulans*

<400> 9148
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gccagtagaa agcgttcgaa gcatgacgca cgagtgttcg ccggtgaggt cgtttgtgtg 180
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<210> 9149
 <211> 402
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 9149

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 tgagcgtata tatcccgggg actggccagc tgaaacataa gtccaatagc atggcctggg 240
 gatcacactg tcaggttcat gcttagactg atgcctccct cctgtccaen ggctccagct 300
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 cttgcccaga ctctgagaaa ctgagatgca accacatgac cc 402

<210> 9150
 <211> 873
 <212> DNA
 <213> Aspergillus nidulans

<400> 9150

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 tgtagtaggt ctgtccggaa tgtcagtcag cacgaaagac gtagaacgat gacttattga 240
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<210> 9151
<211> 284
<212> DNA
<213> Aspergillus nidulans

<400> 9151

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cgcggaacgt gcacatctgt ctagccaaga tgcacctatt gagcccgac tgaaaacagc 180
agctgaacag gggaaccga aagaaattca aaccgaagca gctgccacaa gggacgaagt 240
aaaggaagct gagaaacttg aaggattttc agccccttgc tgag 284

<210> 9152
<211> 1430
<212> DNA
<213> Aspergillus nidulans

<400> 9152

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cccgtgagag gataaatttc atctaaccac agagaacagg tgaaactaat aagtaaggga 180
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<210> 9153
 <211> 422
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9153
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 cc 422

<210> 9154
 <211> 462
 <212> DNA

<213> Aspergillus nidulans

<400> 9154

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<210> 9155

<211> 468

<212> DNA

<213> Aspergillus nidulans

<400> 9155

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actcgaccgc tagagcactc caaggtaccg aggtacggct ggaccgtttt atgaagtcac 420
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<210> 9156

<211> 127

<212> DNA

<213> Aspergillus nidulans

<400> 9156

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<210> 9157
<211> 1664
<212> DNA
<213> Aspergillus nidulans
<400> 9157

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<210> 9158
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9158
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taatgcct 1088

<210> 9159
<211> 546
<212> DNA
<213> Aspergillus nidulans

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<210> 9160
<211> 533
<212> DNA
<213> Aspergillus nidulans

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<210> 9161
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<212> DNA
<213> *Aspergillus nidulans*

<400> 9161

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tcgaccgcag aacgagaact ggctgttcaa tatgaacacg cctgccgaat acaagcaggc 180
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<210> 9162
<211> 1357
<212> DNA
<213> *Aspergillus nidulans*

<400> 9162

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gcctcatcag aaccattcaa cacatcaatg gccattgaaa ttccgcaagt ccagcgtatc 360
gaccgctcag acgatttagc catcatttag gctatcatcc gagacggatg ttgtatcata 420

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9163

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<210> 9164
 <211> 551
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9164
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 ccatatgttc ggcgtcaacg aaccgaaata cgatacgaac gccgcgcaaa aagtaatgag 180
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<210> 9165
 <211> 2052
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 9165

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gattgttgtc aagggatatt tctaaaccag caagactaat cttcaccgat gatgttcgtt 180
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<210> 9166
 <211> 1794
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9166

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<210> 9167
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9167

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<210> 9168
 <211> 662
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9168

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<210> 9169
 <211> 531
 <212> DNA
 <213> *Aspergillus nidulans*

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 ccgggagatc gggattcggc cgccgtgcag gaggttacta taaccagcg cgccccccag 480
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<210> 9170
 <211> 462
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9170
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cacatctaaa gctggctgaa taaggatcca taaagagtca gtaatccgtg gcatctaatt 180
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<210> 9171
<211> 823
<212> DNA
<213> *Aspergillus nidulans*

<400> 9171
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<211> 529
<212> DNA
<213> *Aspergillus nidulans*

<400> 9172

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<210> 9173

<211> 459

<212> DNA

<213> *Aspergillus nidulans*

<400> 9173

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<210> 9174

<211> 193

<212> DNA

<213> *Aspergillus nidulans*

<400> 9174

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<210> 9175
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9175

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<210> 9176
<211> 1653
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 9176

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<211> 520
<212> DNA
<213> Aspergillus nidulans

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<211> 944
<212> DNA
<213> Aspergillus nidulans

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<210> 9179
 <211> 484
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 9179

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 gcaagacgtt cacagtgggt gcgtcgggga gcggcgggcc tcgaacgtca atattagcat 480
 ggag 484

<210> 9180
 <211> 467
 <212> DNA
 <213> Aspergillus nidulans

<400> 9180

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 agagtcaaca aggctgacaa tgcttgctca gcctctacgt cgctccgtag taggagcagg 420
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<210> 9181
 <211> 1160
 <212> DNA
 <213> Aspergillus nidulans

<400> 9181

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<210> 9182
<211> 797
<212> DNA
<213> Aspergillus nidulans
<400> 9182

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 <212> DNA
 <213> Aspergillus nidulans

<400> 9183

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 <211> 235
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations

<400> 9184

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<210> 9185

<211> 838

<212> DNA

<213> *Aspergillus nidulans*

<400> 9185

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<210> 9186

<211> 786

<212> DNA

<213> *Aspergillus nidulans*

<400> 9186

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<210> 9187
 <211> 1663
 <212> DNA
 <213> Aspergillus nidulans

<400> 9187

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<213> Aspergillus nidulans
<400> 9189

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<211> 372
<212> DNA
<213> Aspergillus nidulans
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<211> 173
<212> DNA
<213> Aspergillus nidulans
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<212> DNA
<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9197

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<400> 9198

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 <213> Aspergillus nidulans

<400> 9199

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<210> 9202
 <211> 125
 <212> DNA
 <213> Aspergillus nidulans

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<210> 9203
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9203
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<210> 9204
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 <213> *Aspergillus nidulans*

<400> 9204

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680

<210> 9205

<211> 622

<212> DNA

<213> *Aspergillus nidulans*

<400> 9205

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<210> 9206

<211> 1237

<212> DNA

<213> *Aspergillus nidulans*

<400> 9206

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<210> 9207
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 <213> Aspergillus nidulans
 <400> 9207

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 <213> *Aspergillus nidulans*
 <400> 9208

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 <212> DNA
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<400> 9209

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 <211> 1415
 <212> DNA
 <213> Aspergillus nidulans

<400> 9210

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 <400> 9211

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<210> 9212
 <211> 1924
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 9212

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<210> 9213
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<212> DNA
<213> Aspergillus nidulans

<400> 9214

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<212> DNA
<213> Aspergillus nidulans

<400> 9215

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<210> 9216
<211> 312
<212> DNA
<213> Aspergillus nidulans

<400> 9216

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 <212> DNA
 <213> Aspergillus nidulans
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<210> 9218
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 <212> DNA

<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<210> 9220
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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
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<400> 9221

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 <211> 418
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9222

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9223

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 <211> 451
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*
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<210> 9226
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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

<400> 9227

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<213> Aspergillus nidulans

<400> 9228

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<210> 9229
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<212> DNA
<213> Aspergillus nidulans

<400> 9229

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<400> 9230

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 <212> DNA
 <213> Aspergillus nidulans

<400> 9231

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<210> 9232
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9232

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<210> 9233
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9233

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<212> DNA
 <213> Aspergillus nidulans
 <400> 9234

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<400> 9235

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<210> 9236
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<213> *Aspergillus nidulans*

<400> 9236

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<213> *Aspergillus nidulans*

<400> 9237

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<210> 9238
<211> 785

<212> DNA
 <213> Aspergillus nidulans
 <400> 9238

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<210> 9240
 <211> 178
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9240

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<210> 9241
 <211> 517

<212> DNA
 <213> Aspergillus nidulans

<400> 9241

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 ggcgcggga actggggcgt cgttctctca gtcactgtca aggcgtacaa gagcgcgccc 180
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 gccgaggtca aggtgtttct cgcgcccttc ctctctgcgc tcgacggtct ctctatccag 420
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<210> 9242
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9242

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 aatgcaagca atgcttgaga gcccatgatg 1050

<210> 9243
 <211> 1287
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9243

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 gggccgctgg ggggctgtgt gtcaagcctg catgcatggc cgtcttttcc tgtcccgggtg 180
 ggtttgccca ttgaccagg tgatgaatcc gccatggatg tggtcgtatc gcttgggtct 240
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 aacctccct acgccagtc acctgcttcc gtcagtcttc tcaactcttc gtgttgccca 360
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9244

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 ctacggagct gtctcaacgc tctcagcaac aggattagtc taagtacggt ccacaattga 240
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 tattgcatat cctcgataac cattgcacca cttttcaatt agcatgcaca caccatacgt 660
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<210> 9245
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<212> DNA
<213> *Aspergillus nidulans*

<400> 9245

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 <211> 1412
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9246

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 <211> 1216
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 9248
<211> 424
<212> DNA
<213> Aspergillus nidulans

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<210> 9249
<211> 1529
<212> DNA
<213> Aspergillus nidulans

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<210> 9250
<211> 417
<212> DNA
<213> *Aspergillus nidulans*

<400> 9250

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<210> 9251
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 <212> DNA
 <213> *Aspergillus nidulans*
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 <212> DNA
 <213> *Aspergillus nidulans*
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<400> 9263

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<213> Aspergillus nidulans

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<400> 9271

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<213> Aspergillus nidulans
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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 9273

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<211> 139
<212> DNA
<213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

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<211> 429
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 9276

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<211> 630
<212> DNA
<213> Aspergillus nidulans
<400> 9277

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<400> 9279

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<210> 9280
<211> 133
<212> DNA
<213> *Aspergillus nidulans*

<400> 9280

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 <213> Aspergillus nidulans
 <400> 9281

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 <213> Aspergillus nidulans
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<210> 9283
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9283

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<210> 9284
<211> 1056
<212> DNA
<213> Aspergillus nidulans

<400> 9284

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<210> 9285

<211> 565
 <212> DNA
 <213> Aspergillus nidulans

<400> 9285

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<210> 9286
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9286

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643

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<212> DNA

<213> *Aspergillus nidulans*

<400> 9287

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<210> 9288

<211> 1028

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 9288

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 <211> 1083
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9289

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<211> 1680
<212> DNA
<213> *Aspergillus nidulans*

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<210> 9291
<211> 627
<212> DNA
<213> Aspergillus nidulans

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<210> 9292
 <211> 675
 <212> DNA
 <213> Aspergillus nidulans

<400> 9292

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 <211> 154
 <212> DNA
 <213> Aspergillus nidulans

<400> 9293

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<210> 9294
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9294

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9296

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<210> 9297
 <211> 1489
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9297

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9298

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<210> 9299
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 <212> DNA

<213> Aspergillus nidulans

<400> 9299

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<210> 9300

<211> 862

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 9300

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<211> 437
<212> DNA
<213> Aspergillus nidulans

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<210> 9302
<211> 1361
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 9302

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<210> 9303
 <211> 1774
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9303

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<210> 9304
 <211> 131
 <212> DNA
 <213> Aspergillus nidulans

<400> 9304

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<210> 9305
 <211> 1394
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 9305

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<210> 9306
<211> 1192
<212> DNA
<213> *Aspergillus nidulans*
<400> 9306

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<210> 9307
 <211> 1650
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9307

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<210> 9308
 <211> 1596
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 9308

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 <211> 1424
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9309

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<400> 9310

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<400> 9313

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 <213> Aspergillus nidulans

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<400> 9316

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 <213> Aspergillus nidulans

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<210> 9319
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<400> 9319

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<400> 9322

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<400> 9323

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 <212> DNA
 <213> Aspergillus nidulans

<400> 9324

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 <213> *Aspergillus nidulans*

<400> 9325

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<210> 9326
 <211> 780
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 <213> Aspergillus nidulans

<400> 9326

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<210> 9327
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9327

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<210> 9328

<211> 519
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 9328

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<210> 9329
 <211> 518
 <212> DNA
 <213> Aspergillus nidulans

<400> 9329

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<210> 9330
 <211> 1298

<212> DNA
<213> Aspergillus nidulans

<400> 9330

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<210> 9331
<211> 992
<212> DNA
<213> Aspergillus nidulans

<400> 9331

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<210> 9332

<211> 582

<212> DNA

<213> *Aspergillus nidulans*

<400> 9332

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<211> 584
<212> DNA
<213> Aspergillus nidulans
<400> 9333

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<210> 9335
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 <213> *Aspergillus nidulans*
 <400> 9335

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<400> 9336

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<400> 9337

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 <213> *Aspergillus nidulans*

<400> 9338

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 <213> *Aspergillus nidulans*

<400> 9339

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<210> 9340
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 <213> *Aspergillus nidulans*

<400> 9340

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 <211> 1497
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 9342
 <211> 484
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9342

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<210> 9343
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 <212> DNA

<213> Aspergillus nidulans

<400> 9343

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<210> 9344

<211> 937

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 9344

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9346

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 <212> DNA
 <213> Aspergillus nidulans

<400> 9347

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9348

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<210> 9349
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 cgatgcgcat gctggagtca gggagccttg caagccgtca ggcatttcta ctatggtgtg 840
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<210> 9350
 <211> 901
 <212> DNA
 <213> Aspergillus nidulans

<400> 9350

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<210> 9351
 <211> 952
 <212> DNA
 <213> Aspergillus nidulans

<400> 9351

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tgtttatctt tggcgcggat ttggctgtag ccgccgcagc gttaggcgac ccatcgggtct 240
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 caacagggag agcgtctgga agctcttaaa tgcggagttg agcgtggagg gacgctggag 660
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 gccttgagat gcaaagaacg ggatattaat gagaccgggg aggatattct tccttgtacc 780
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<210> 9352
 <211> 339
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9352

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 ccgggcgcgt gacaaattgc gttccatgca actgctggcg cgtcagggca tcgacctgcc 180
 tgtcacgggc attgcgcatt cgccggatga taccagcgat ttaatcgaca tggtcgggtgg 240
 tgccgcgctg gtggtcaagt tggttgcagg cacgcaggga attggcgtcg tgctggcgga 300
 gacgcgtcag gcggcgga agcgtgaatt gacgctttc 339

<210> 9353
 <211> 1335
 <212> DNA
 <213> Aspergillus nidulans

<400> 9353

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gactgtcttt atacagcaaa tccacgaacc aatcctgacg cacagccgat cgaggtagtt 180
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<210> 9354

<211> 146

<212> DNA

<213> Aspergillus nidulans

<400> 9354

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<210> 9355

<211> 1300

<212> DNA

<213> *Aspergillus nidulans*

<400> 9355

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<210> 9356
 <211> 238
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9356

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 tgaagcggct ggtcgtagcc gaacttttgc gctggccgcc tctgagttgg aactgacacc 180
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<210> 9357
 <211> 1970
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9357

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 gaggaagatg ctggggagac tgacgtgat gacggcaatg gggatctcgg atccatgcc 480
 aaagatcgga gcaacgggtg tgactgctaa acgttaacga gagaagacga agtgccaagt 540
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<210> 9358
 <211> 1453
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9358

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caaggcgctcg tccaaacaca agccatcttt gctggacact cgctgggaga gtatagcagc 180
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<210> 9359
<211> 784
<212> DNA
<213> *Aspergillus nidulans*
<400> 9359

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 gagt 784

<210> 9360
 <211> 1404
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9360

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<210> 9361
 <211> 583
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9361

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 gcgataattg cccgcttgct ccgtaactac acagatacgg agcgatcttt actcagcctg 180
 ctggtagctt cgttattttg ttgatccgta aagcaaacia gcagtttgtg cgacactcta 240
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 cggcatcttt caacctcttg ggctttgccata cataacgccga gagagatggc cagcaaaaaga 420
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actgctcttc ctccactgga cgcaggcgcc cgcgacgatg gatcatatgt gccggtttgg 540
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<210> 9362
<211> 143
<212> DNA
<213> Aspergillus nidulans

<400> 9362

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acgagcgacg ctgccacgat ggt 143

<210> 9363
<211> 1657
<212> DNA
<213> Aspergillus nidulans

<400> 9363

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 9375

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 <211> 122
 <212> DNA
 <213> Aspergillus nidulans

<400> 9376

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<210> 9377
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9377

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 aagcctagtt ttgtttcgcc actgcttaat aaatacttca ataagcccgc aaggccatt 180

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 9378

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<213> *Aspergillus nidulans*
<400> 9379

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 <212> DNA

<213> Aspergillus nidulans

<400> 9380

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<210> 9381

<211> 504

<212> DNA

<213> Aspergillus nidulans

<400> 9381

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<212> DNA
<213> Aspergillus nidulans

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<210> 9383
<211> 110
<212> DNA
<213> Aspergillus nidulans

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<210> 9384
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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9385

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<211> 1563
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 9386

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<211> 326
<212> DNA
<213> Aspergillus nidulans

<400> 9387

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<210> 9388
<211> 1193

<212> DNA
 <213> Aspergillus nidulans

<400> 9388

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<212> DNA
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<212> DNA
<213> *Aspergillus nidulans*

<400> 9393

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<400> 9394

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 gtgaaggag gggagtgcag cagcaaaaaa gacctgtac ctctccaccg agtagtcagt 1920
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tttggaggtg gagtctaagc agtcagtgca ctgacatcat cgaagcatct tggtttattt 2100
gcctagaggt cgaggagcg 2119

<210> 9400
<211> 982
<212> DNA
<213> *Aspergillus nidulans*

<400> 9400

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tgagtatgca tgcagggtgt ggatcgggtc tgcataccgc gaagctcatg aacctctata 360
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<210> 9401
<211> 961
<212> DNA
<213> *Aspergillus nidulans*

<400> 9401

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 ccatgtctta catatgggca gcgtaggagtg gtccacgcga atttaatcgt caccagcgac 180
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 catcgctggc gagaaccgtc cctcaccata cactctgtcg aggttccggg tagcagcaag 480
 agtacaacca caactatttc gcgcaaagca aaggctagtc tttccatccg catagtaccg 540
 aaccagtcag ccgatgaagt tgccgcccga ttgactctat acgcacaaga gcaattcgat 600
 caactggaat cgcagaatga actcactggt gaaattaccg gaacctctga tccgtggcta 660
 ggagaccag acaatgagat cttcgagaca ttatcggagg ccatcacagc agcctggacg 720
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<210> 9402
 <211> 548
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9402

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 ttaccgagtc gggagtctcg ggggagacgt gaaaggaaga gagggtttta ttgtagttga 360

tgtccagtc ctcctccgatg agattgcccc ggagtctgcg gttcacacga aggcgcttac 420
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gacattct 548

<210> 9403
<211> 395
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 9403

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gcctcagaga gaatcttccc gatcaccaat gatactcgct aacttaactt ggacgcaaaa 180
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aactagcggtt gttcccagtt aacataatga cgnatgaag aaggtcctcg gtttaatgat 300
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<210> 9404
<211> 969
<212> DNA
<213> *Aspergillus nidulans*

<400> 9404

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agattgaaca agtatcaagt accgattcag accgaattgc tgcgtgcaac tgctggcaat 480
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<210> 9405
 <211> 249
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9405
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 catcccagtc aggagccatc acctaaagtag aaaagggggc tctggatacg gggcgtggtc 180
 tttgactctt gaggtcatct gcgcttgaag aggaactctg ggaagggtgct tttttcaggg 240
 agttggcct 249

<210> 9406
 <211> 1085
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9406
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 ggagattgcc aggtggttgg acttgagca gttgtggttg ttgtccggta tgatatgcgc 180
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gttcttgttg gcggaactta actgtcgctt tgaaaggctc gatggtctgg atgcgccggg 300
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 aagag 1085

<210> 9407
 <211> 1176
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9407

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 ccagccgttg acagcagtac tagacgcgta ggaggatcgg gcagtttcgg cgcgggattg 180
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 ggacaaacgt ccattacca tttgatgaac ttttctcttc ccccacgacc agagtaccac 420
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 ctcgtgtctg cccagaccca gtcgtccagc tgcccaatct gcttgtctac gcctgtagca 660
 ccgcgaatgg ctcgatgtgg gcatactttt tgtctgcctt gtctaattcg ttttatgcac 720
 tcgacagacg acgatcatcc agtccctgag aaaaaggcgc gctggaaaaa gtgccccatt 780
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<210> 9408
 <211> 169
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9408

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 gctctgaaag cgtcgacttc atctcgacga gccgctgact aagcatccc 169

<210> 9409
 <211> 115
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9409

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 ccatcccagg caaagtcttg aagtaggctt ttctctctgt gagctataaa agaac 115

<210> 9410
 <211> 798
 <212> DNA

<213> Aspergillus nidulans

<400> 9410

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ggaaaccatc tcttgttcaa ccattttgat cattttgacc atgtatacaa ccctcact 720
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<210> 9411

<211> 708

<212> DNA

<213> Aspergillus nidulans

<400> 9411

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cctgtttctg gacattatgc attcatcatc cggccagcca aatcattatg cagatacttt 180
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gcaggtatcg ttcggcaaga tgtggagttc aaggctgacc ggagcatgct gagtatgctt 480
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<210> 9412
<211> 799
<212> DNA
<213> *Aspergillus nidulans*

<400> 9412

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tgaggctctt atcgttaccg cctaccgctg gggcgagtac ctcggggcca tcgacctgac 540
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caccagcttg gacgaggagc tcgacacgaa gattcagga tgggccgagc gttcgccgac 660
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accgagggca ccgacgacg 799

<210> 9413
<211> 119
<212> DNA
<213> *Aspergillus nidulans*

<400> 9413

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<210> 9414
 <211> 790
 <212> DNA
 <213> Aspergillus nidulans

<400> 9414
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<210> 9415
 <211> 123
 <212> DNA
 <213> Aspergillus nidulans

<400> 9415
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 gtg 123

<210> 9416
 <211> 170
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 9416

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<210> 9417
 <211> 1098
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 9417

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<210> 9418
 <211> 784
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9418

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 agtaagcagc tgtaaaagag ggagatgtgt ctctttcatg tcgaatatcc ccctttgctt 240
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<210> 9419
 <211> 562
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9419

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<210> 9420
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<212> DNA
<213> Aspergillus nidulans

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<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

<400> 9422
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<210> 9423
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 <213> *Aspergillus nidulans*

<400> 9423

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<210> 9424
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<212> DNA
<213> Aspergillus nidulans

<400> 9424

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9425

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<210> 9426
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 <213> *Aspergillus nidulans*

<400> 9426

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 <213> *Aspergillus nidulans*
 <400> 9427

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<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 9428

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 <213> Aspergillus nidulans
 <400> 9429

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 <213> *Aspergillus nidulans*

<400> 9430

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 <213> *Aspergillus nidulans*

<400> 9431

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<210> 9432
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<400> 9432

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 aatgtcgata tttagatcta ctcccttgta cttaggcttt acaatctctg gcttgtccag 240
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 <400> 9433

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 <213> *Aspergillus nidulans*
 <400> 9434

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<400> 9435

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<213> *Aspergillus nidulans*

<400> 9436

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<213> *Aspergillus nidulans*

<223> unsure at all n locations
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<210> 9438
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<212> DNA
<213> *Aspergillus nidulans*

<400> 9438

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 9439

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 <213> *Aspergillus nidulans*

<400> 9440

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<212> DNA
<213> Aspergillus nidulans

<400> 9441

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9442

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<212> DNA
<213> Aspergillus nidulans

<400> 9443

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<210> 9444

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<213> *Aspergillus nidulans*

<400> 9444

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 <212> DNA
 <213> Aspergillus nidulans

<400> 9445

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 <213> Aspergillus nidulans

<400> 9446

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<210> 9447
 <211> 1066
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9447

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<210> 9448
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9448

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127

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<213> Aspergillus nidulans

<400> 9450

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<400> 9451

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<400> 9452

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<210> 9453

<211> 935

<212> DNA

<213> *Aspergillus nidulans*

<400> 9453

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<210> 9454

<211> 116

<212> DNA

<213> Aspergillus nidulans

<400> 9454

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<210> 9455

<211> 1294

<212> DNA

<213> Aspergillus nidulans

<400> 9455

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<400> 9456

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<210> 9457
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 <213> *Aspergillus nidulans*

<400> 9457

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 <213> *Aspergillus nidulans*
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<210> 9459
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<212> DNA
<213> *Aspergillus nidulans*

<400> 9459

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9460

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<210> 9461
<211> 285
<212> DNA
<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

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 <223> unsure at all n locations
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<400> 9464

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<400> 9465

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<210> 9466
 <211> 1040
 <212> DNA
 <213> Aspergillus nidulans

<400> 9466

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9467

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<210> 9468
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9468

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<211> 188
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations

<400> 9469

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<210> 9470

<211> 115

<212> DNA

<213> Aspergillus nidulans

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<210> 9471

<211> 125

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

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<210> 9472

<211> 1068

<212> DNA

<213> Aspergillus nidulans

<400> 9472

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 <213> *Aspergillus nidulans*

<400> 9473

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 9475
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 9476
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<212> DNA
 <213> Aspergillus nidulans
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<213> *Aspergillus nidulans*

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<211> 153
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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153

<210> 9480
<211> 406
<212> DNA
<213> *Aspergillus nidulans*

<400> 9480

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<210> 9481
<211> 1379
<212> DNA
<213> *Aspergillus nidulans*

<400> 9481

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<213> *Aspergillus nidulans*

<400> 9482

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<210> 9483
<211> 1011
<212> DNA

<213> Aspergillus nidulans

<400> 9483'

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<210> 9484

<211> 1874

<212> DNA

<213> Aspergillus nidulans

<400> 9484

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1874

<210> 9485
<211> 148
<212> DNA
<213> Aspergillus nidulans

<400> 9485

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ctaaccctgc aatccagata ggcatacg 148

<210> 9486
<211> 776
<212> DNA
<213> Aspergillus nidulans

<400> 9486

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<210> 9487
<211> 1229
<212> DNA

<213> Aspergillus nidulans

<400> 9487

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<210> 9488

<211> 1987

<212> DNA

<213> Aspergillus nidulans

<400> 9488

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9489

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9490

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 aaggaa 186

<210> 9491
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 <212> DNA
 <213> Aspergillus nidulans
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<210> 9492

<211> 1478
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 <213> Aspergillus nidulans
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1478

<210> 9493
<211> 170
<212> DNA
<213> Aspergillus nidulans

<400> 9493

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 9495
<211> 291
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 9498

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 <213> *Aspergillus nidulans*
 <400> 9499

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<210> 9500
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9500

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<210> 9502
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<400> 9502

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<400> 9503

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 <213> Aspergillus nidulans

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<210> 9505

<211> 2917

<212> DNA

<213> *Aspergillus nidulans*

<400> 9505

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<210> 9506
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<212> DNA
<213> Aspergillus nidulans

<400> 9506

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 9507

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<210> 9508
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<212> DNA
<213> Aspergillus nidulans

<400> 9508

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<210> 9509
 <211> 128
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9509

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<210> 9510
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 9510

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 9511

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<210> 9512
 <211> 454
 <212> DNA
 <213> Aspergillus nidulans

<400> 9512

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<210> 9513
 <211> 1610
 <212> DNA
 <213> Aspergillus nidulans

<400> 9513

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<210> 9514
 <211> 129
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9514

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<210> 9515
<211> 371
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 9515

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<211> 210
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 9516

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<210> 9517
<211> 1567
<212> DNA
<213> Aspergillus nidulans

<400> 9517

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<211> 871
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 <213> Aspergillus nidulans

<400> 9518

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<210> 9519
 <211> 588
 <212> DNA
 <213> Aspergillus nidulans

<400> 9519

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<210> 9520
 <211> 355
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9520

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 <400> 9521

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 ggggcattcc tgtggctccc ttctcgaca acgtctccga ctatgtctcc tcccgcgcag 360
 acgtcgaacc gacgatgcgc tcatttcaag aaatgatttc aaagtaccaa ttcattggaag 420
 tcaacacctc gcggcgcgct gccgggctgc gcgagaagat ccccgatatt aagaaaacgc 480

tggagatggt cacgttcttg aaggcgcgga aagaaagttc gtctgcgaca ccgctcgaga 540
 caaatttcga gctgaacgat acgctctatg cgcgtgcgac cgtcgacccc gcacatacgg 600
 aagaggtgta tctttggcta ggagctaattg ttatgctggc ttatccgatt gcggaggcgc 660
 aggcaatggt ggaggacaag ttggcggctg cggcgaagtc tagcaaactg tgatgaagat 720
 ttagagtttc tgagggagca gattacggtt t 751

<210> 9522
 <211> 1437
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 9522

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 caacaagacg atcatagcac gcggcacaat cgagcagatc cgcgagcagg ccctggcgca 180
 caaccccaat tgggatgagg agtactacgc tcccgcccag aagctcgctg aagagcgata 240
 ccaactcggt ccagctggcg cagacgcca ctcgacaggg tcaaccccca gccttgagaa 300
 acgccgcgcc gaggactttg acagtcttcg tatcacttgt ggcaggccat ggcattgctgt 360
 ctcatacgag ggtgcgctga aggaggcgct tcgtttgtat ggtgtcaagg gcacgccaca 420
 aaatgggtccc gggccgggta actgtgggcg tgtaggctgc tcgtacggga cggcgataat 480
 ttggtgtaat gatgtaagca ctctctcagt cttgccagaa tggtcagaag ttggtgctaa 540
 tgaatcatct aggacacgga gacgaagacg ctcagcagct ttgatgagat tgcggatggg 600
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 gtcccatct gatactgctt cccctcctcc ataccattac tgaagttcaa ctggctctca 1020

aagataagaa ccacatcgga acctccaaag tggaagtaac ccagctcctc acccttgtgc 1080
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<210> 9523
<211> 963
<212> DNA
<213> *Aspergillus nidulans*

<400> 9523
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gtcgcggtct tggccaatct aatcctgcgc tcagatcgga aatgggttcg gagtcaccgt 180
tggtctcgct tcaaggcgcc ctaaagacag agactgttca taatatttgc ttggaagtat 240
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gccgagccga gccagcccg actcaattca tactccgtag aaaatagcta ggatatcgca 420
attggggtat ctgacaggca acatgtagag agaggcttcc aagcagaacc aagcaaatcc 480
ttacaaactg ggcattctga ctgacattgc gcatgggact gaaccggaag atactcgaac 540
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cgggtggccga gcgagcccg ggcattggta cttgcgttcg tgtgcgatct tgtttcgcaa 660
ctaggacctc gactgagatg taggttccaa agcgaccggg acccgggccg gttactctcg 720
tcgtcattgt ttgctgatgg tatgcagggt tcggaatgtg aatgcggatg tcctatgtgt 780
gctgtttcgg ggggacttgg acgaggagct atatgttgct gacattgtgg tagggtttgc 840
acagtggagc tggacatgga tatggatgcc gacgcagcta aggtggacgg tgcgagtaaa 900
gacgtgagac agatggggct agaagggagc atcagcgtca gcgtcatcta gttagcaagc 960

aaa

963

<210> 9524
<211> 183
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 9524

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tgacgctgaa gaacgcgaca gttncggact aggcagtagt gncggncatg acntcangaa 120
tagagnaacg attnncaagg gaacagtcgn gtagcgctaa tgcaaacaag agtagagaaa 180
gca 183

<210> 9525
<211> 533
<212> DNA
<213> *Aspergillus nidulans*

<400> 9525

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cagcgagatg ggcattctaac gtctattttc tgaccggtct ggcactcctg ctcagctcag 120
cgcgccaatc atggccgatg tggttaatgc tcactattga atggatctca gctcgtacgt 180
ctcgtcgcca attccgctta ttcccgtggt ttctcgtgcc ctgctaacct ggacaaagat 240
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gcccgactgc ggctagagga gaccagcgct gagaatcttc cctcagtcga cgtttttatc 360
ccgacctgcg gcgagcctct cgacgtagtc ctcgacacta tccgcgcagt tgcacattgg 420
actaccctac ttcccgttcc cgcgctctgg tattggacga cgggggctca gcgacactca 480
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<210> 9526
<211> 710
<212> DNA
<213> *Aspergillus nidulans*

<400> 9526

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 ccagacgttc tgccagatcc cgtcgtcgg tgtatagaat atgctctcgg gtacaggacc 240
 ccagtactgc ttccccctcg gctgcgtcag gtccgtcggc gagtctcgca cacgcacggt 300
 caccgcacg gtatctttcc gttgtccggc ggatatgaat gcatcggtaa tgtctacatc 360
 gaacgggacg taccgcctc tgtgcgaagc atactgaatc ccatcaacct acaccgcaga 420
 ctcgtagtcg actgcgccga agcgcaggag gacctggcg tccgcggcag ttgactcga 480
 gggccggatg tcgggcaccg tgcgctcgta ccagatgacc tcgtgggctt cctggagggt 540
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 gtctgcctct tcggggagac cgggtggtctg ccattcttgc gagaggccag cgttgaggtc 660
 gtcgaagagg aaggaccatg ggccgttgag ggaggtccag gtaatgttcc 710

<210> 9527
 <211> 258
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 9527

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 acctctgtcc agaggcccta atgtancttc gagactacac agaagacttc attataatgg 120
 cgcnatctgc cggattcgcc cgccggtacc caggagtacg agcagacggt annatgcgaa 180
 nctgggacca atggcgaaca aggtaacacg tactattgaa ccataatcat anancataan 240
 gttencatgt aaaaggaa 258

<210> 9528
 <211> 760
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9528

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 tcacaagggtg attacaggag tatagagata gaaatgtcgg aaaacgcagg aacgcaacgc 120

ctatcactcc ttccgcgatt gcattccaaa aattttccga aaatcaaaac tgtctgggtg 180
atgcctcgaa tgaactatgt agaagacgct aagccctact tgccgcggat cagggcttca 240
gctatgcaac catgcttact aacatttgaa ctgcttggtg tggaacagg aatgtactct 300
atttatttgt gttgtgagtc agggcatgac atgtgtgtca tttgtgggct cctgcttata 360
agcaataacc tatccatagt attgtatttg tactccagaa agtcttcgta gcgctttcct 420
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tatagccctc ccgacgaatt aatattgggc aggtgaagta gatatgacgg gaatctaagc 540
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ataacaatca cgctgcaata ggtgattagg ttctgtaaca aatatcagac atatggatat 660
catatagcaa taggttagga actgtcagtc ggttccatat gggagacaat gagaatctta 720
cttttacggg caatatgcag taagtttgtc tgatatattg 760

<210> 9529
<211> 361
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 9529

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aggtggaaac gagtgcacga gcagcggcga acatatcgag gagaggctca cagacttggg 120
ctttgccaag aagcttcaga gcatagtagt tgggatggtc tactcagagg gtgtcatgtc 180
ctcagggcaa tatggcatct gagagtgtcc cgcgcaggt gtagtggtag aatggctctga 240
ttatcagatg tgagtgggtc tgggggtctc ggacttgcaa ttgtctgagg ggatatgagt 300
tgccgataat aatggaanaa ctggagccga attgatgcag agaagtgcgg gaggagtgat 360
a 361

<210> 9530
<211> 968
<212> DNA
<213> Aspergillus nidulans
<400> 9530

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gttacaagag atatctatct tatttttttt tcttgaatgc cgatgaatga ggctagtttc 120
 atggattgag tcagtctcta tctttgtacg gttgctgaga tcgtggcaat attgtggggg 180
 gccaagaac gtcaatgctg atacttacta caacatacct ggaactaagg acctcatctt 240
 gaaataatct agcagatctc tctatccata tccaaaatct aaagccacaa gagcatagcc 300
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 gataaaaagt tggcaagttt acccagctgc aatatccaac taacgtccta ctaacgtaga 420
 cttaggcgag tctccgcgca tcagtaacag cccttgaatc ccaatgcgct caactcgaag 480
 ctcaaattgc cgacatacgg gctggattga agtaaggcac gccttcagct tggttttctc 540
 gttcctctct gctgttaaag aacacaccta ctaagctacg tcaagggatg acccatctaa 600
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 gtttgggctg ggtatgaaag attgagcttt tcaggtggat ggatagcttg taatgatgga 780
 ttatgacaaa tgcaggagtt gtggagtatg gagtggtttg tctgcttttt cttttcatct 840
 catctataag gtacataggt agaggagagt gtctgctatg agacgagaag tctaataaaa 900
 agaaaataaa aagaagtaga aataaaagaa ataaaagaaa aagaaaaacc aataactagg 960
 cttaacga 968

<210> 9531
 <211> 460
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9531

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 gggcggcggg gtcttcggtc gcaagcgcg ccaactggctc ctgggaaaga agggggagga 180
 ggccagatgt ccaaagtagg aagataagag caaagggact aaggaaggac gcgacggca 240
 tgatgcaaga gaaaagacag atgagggcaa gaaggtgaaga ataatggaag ggttaatatg 300
 gacacacatc gaatctaagg acaatgcgag aaaataaaca actggggcaa ggcagggttag 360
 cttaaagggg agacgtggaa gaacggtaaa aaagaaaaat gacgaattca agatgatgat 420

tgacggttat gatcgctaac gtgactcgcc taaagaaact

460

<210> 9532
<211> 531
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 9532

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agaaaagccg aaacgcaagg acatacacac ggcgagacag agggccgcac aaagcgaaag 180
gagcgggctg actaaggcgc gagaggagcg aaaacaaagg ggacggagag acagacagaa 240
accacccatg caaaagacag gcagccatcg gagaggagga caacagaaca acgagagggg 300
aggagggaaa acggaaccag aaacgcgatg agcacggcac agggaagaag agcagcaaag 360
gaaagaacaa cagcgaggaa agacggagaa gcgaagacaa gggcggagcg aacatgggaa 420
acggaaaagg gcgagaaaagc cggaaaaaaaa aggaggaacg aaaggcaacc gagaagaaag 480
ggacaaaaaa aggcgggaaa aaggaggaaa gaaaaggag ggacaaaaga a 531

<210> 9533
<211> 1580
<212> DNA
<213> Aspergillus nidulans

<400> 9533

accgcgtagg ggccctttttc agggctgcgc acaacaagga ccggggaagg atccaagcat 60
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cgaggtgacc atgtcaaagg tctgcccgcac aagggtacacg tacacgcagg gctaagtagc 180
cggccgctcg tgcccagctg cccattaatc gcctcccatt ggacattatc caggccaggt 240
ggatcactcc atagtactcc ggggtgggta taagcaaaga ggattagttc acgccgcaa 300
ttacgagtat ctgactcgaa tattgttccg ttattcgttc cccccttgga ggctaagagg 360
ctgagaggcc gggaagatcg gcttgcaagc ttgacagcag ccagataag cttcttctgc 420
gctcgattcc ttattccac ttcactatta caggaagatg aaaggagaga ccacaaaacc 480

gtctaatacgc aagagagcct atgctccgaa atcaagaaca ggggtgctcgca cctgccggca 540
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 aagggtgctc catatccggt gcgacgagtc ccccggggggt cagtgccaga actgcctctc 660
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 tcgcaacggg cctggggctt tctggctacg actttgtcgc cactacaatt ccttgtatat 1500
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<210> 9534
 <211> 708
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9534

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 aacactatta cgccgtggga tttcgtgta cagcgccatc gtaagctgtg gtgacgcata 180
 tggttcaacc agtcctcact gtggttatac agctcggttg gagagtcaca ttcacaaaa 240

aggcacacat atggatcgag gtcgtacttg acatggtcac tgcataggat gagtagtgct 300
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<210> 9535
 <211> 603
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9535
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 tgcgacaaaa accaggccgc ccataatddd cccctccttc tctccctcct cagtataacc 420
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 attatatccg agtaattcaa ctcaccagaa acgcagtaat ccaagcccat cttcaacatg 540
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 aag 603

<210> 9536
 <211> 205
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9536

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 cctacgctgg tttctgaggg agctc 205

<210> 9537
 <211> 547
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9537

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 caacagaaag aggaggagag agagaaaacg aggggacaag gagaagagga gaaagcgag 300
 ggaaaaagga gaaaagacgg agggggcggg agggaaagag aaaagagaga agaaggcaga 360
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 agcaaaaggg aaaaagaaga agaaaagggg gcagtgaaga aaaggaaaca ggagaggggg 480
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 aaaaaaa 547

<210> 9538
 <211> 1316
 <212> DNA
 <213> Aspergillus nidulans
 <400> 9538

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 agaagataag caaccatttc gtcgcgctac ccgcctgttg ctcaccgaag atggctccca 180
 ttgtgtaagt tggcaaaacg gagttcacca cgaagcttgg tttcttttcc tggctgagct 240
 tccacatttc ctcttcgact tgcgcttcga gagcagaata aatgtcccac ccacgttccg 300

cctcgtaagg ggggtggtctc cacgcagcct tgatggcctc ctcgtcccaa gtttcccat 360
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gaaacggttg attgaaggca ctttgctagc agcctcaaga agtcctcgga gagcttctat 480
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agtgggtatc atttatccga gatatgaacg acaccaata gctctccgct acatcggtgt 1260
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<210> 9539
<211> 1608
<212> DNA
<213> *Aspergillus nidulans*

<400> 9539

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atggatgcgt cttctgtttg ggcgcgagtt tcccttccaa gacatgcttg cgatttgga 420
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<210> 9540
 <211> 921
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9540

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accagcgcac ccaggaccgc tggctctcgt cgctcgatcgg gatccccgctc caccccaacc 180
acgcaatcag gcgccgagcc atccataaca aaacaatctc ttctgagccc gctgagtctc 240
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<210> 9541
<211> 530
<212> DNA
<213> *Aspergillus nidulans*
<400> 9541

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gccccaaacc ccacttaacc aatatccaga taatgcaatc aagtccattg cagttgccac 180
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cacacatata ccgcaccctt tgctgagcca tgcggcggct cgcaaatgac cagtatcttt 420
ccgtcatcac agatggcaag gaaaggttca taacaatgcg ctagtgggag gttgtctggg 480
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<210> 9542
 <211> 445
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9542

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 cacatacagt gacgcggaca ccctacactg attgagcccc gttcactcct atgactgtaa 180
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<210> 9543
 <211> 1990
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9543

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tgccgttggt gccgatattt gtgctgttta ttacattcg gccaaagagg cgaaggacca 720
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 cccaactgtc aaactgccgc ttaacgaacg tgctccggca acccaaagga tttggtccgt 1920
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<210> 9544
 <211> 315
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations

<400> 9544

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agtaaanaga tgtattcaag gatcactacg ttgtatagga gtacagggac natctgnagg 180
acaaatatgc ccaaaggggc atntacgtgg ggtatgtgat agangcctag gnagagatta 240
anaaagtttt gggatatagt cagttgcaat aatgcaagtg gtgctgagcg catgaaggnc 300
anctgaancc aggag 315

<210> 9545

<211> 296

<212> DNA

<213> *Aspergillus nidulans*

<400> 9545

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gggtcaagtc cgggaccctc aaggtatgct gttctatcgg atgtacgcta tggttcgata 180
tctgaacgga cacagaccga cttctacctc gcgttcaggt caccgttggg taagtcagcg 240
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<210> 9546

<211> 576

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 9546

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ccacaactca ccgggagcaa ggcggccgcc aaccaccacc ggccacaccc caccgacgag 180
aaacacacat gacgtcacga ccaaagcaac acaacacacg cacgcggaga aaacaagaga 240
aacgcaagca acaacacaga agacacggga cagcccacga aaccaagagc acccaccggc 300
cacgaccgag gcggcaaacc cggccggaac gggcagcgga cagacaacag gcagacggac 360
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ggcagagcga agaacccgca ggggacacgc caacgaaaaa ccaggcgaag agggcccgga 480
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<210> 9547
 <211> 1333
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9547

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 gacaaggtat gtgagactgg tatctttgca gtacatacga cgtagtattg gcttgtgata 180
 tcctatcctc ggtcctaata tctcgcggaa cttttcacga acgtcgggtg tgatgacaga 240
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<210> 9548
<211> 1449
<212> DNA
<213> *Aspergillus nidulans*

<400> 9548

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<210> 9549
 <211> 774
 <212> DNA
 <213> Aspergillus nidulans

<400> 9549

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 gcccttcgac tcgttcctcc agcaggagca gtcgtcttcc gggtttgatc ctgccctcac 180
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<210> 9550
 <211> 385
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 9550

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<210> 9551
<211> 982
<212> DNA
<213> *Aspergillus nidulans*

<400> 9551

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982

<210> 9552
<211> 1015
<212> DNA
<213> *Aspergillus nidulans*

<400> 9552

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 <213> Aspergillus nidulans
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<400> 9557

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<213> *Aspergillus nidulans*

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<400> 9561

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<210> 9562

<211> 149

<212> DNA

<213> *Aspergillus nidulans*

<400> 9562

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gccgaagtca ccgcttcata gtagggcgg 149

<210> 9563
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9563

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<210> 9564
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<400> 9564

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<400> 9565

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 <212> DNA
 <213> Aspergillus nidulans

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<212> DNA

<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

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 <212> DNA
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 <400> 9581

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 <213> *Aspergillus nidulans*
 <400> 9582

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<210> 9583
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9583

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 <213> *Aspergillus nidulans*

<400> 9584

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<210> 9585
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<212> DNA
<213> *Aspergillus nidulans*

<400> 9585

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 <213> *Aspergillus nidulans*

<400> 9586

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<210> 9587
 <211> 458
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9587

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<210> 9588
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<213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9593

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<210> 9594
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9594

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 <223> unsure at all n locations
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<210> 9596
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<213> Aspergillus nidulans

<400> 9596

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<211> 1479

<212> DNA

<213> Aspergillus nidulans

<400> 9597

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 9600
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 <212> DNA
 <213> Aspergillus nidulans
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<210> 9602
<211> 1409

<212> DNA
 <213> Aspergillus nidulans
 <400> 9602

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<400> 9603

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<400> 9604

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<211> 214
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans
<400> 9606

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 <213> Aspergillus nidulans
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<210> 9619
 <211> 505

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9619

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 agtattataa tatatttttta ctagttacag caggttttaa aataatattt atagttttaa 180
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 aggtaagtaa attatatttt atatcgccag gtaactagga ataagtaata ataatcaaaa 300
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 aaaagattag tgctaggata ataatctatt agtaactaa agaataaaaa actagcccta 420
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<210> 9620
 <211> 1760
 <212> DNA
 <213> Aspergillus nidulans
 <400> 9620

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<211> 211
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 9621

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<210> 9622
 <211> 176
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 9622

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<210> 9623
 <211> 111
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9623

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<210> 9624
 <211> 399
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9624

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<210> 9625
 <211> 947
 <212> DNA

<213> Aspergillus nidulans

<400> 9625

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ggcacctgca cccacgggtg tgactgcggc agtaccgtag aggagaggtc gcagtatcct 300
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<210> 9626

<211> 1520

<212> DNA

<213> Aspergillus nidulans

<400> 9626

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<210> 9627
<211> 939
<212> DNA
<213> *Aspergillus nidulans*
<400> 9627

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<210> 9628
<211> 621
<212> DNA
<213> *Aspergillus nidulans*

<400> 9628

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atttgctgt agtcagggca tcgtcgccaa acgcaaaaa gtaataaatc atacatagta 540

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<210> 9629
<211> 299
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 9629

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ggataacacg agtactngac atagtattcg ggcaaaccat tttggagggtg acacgtcgggt 180
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<210> 9630
<211> 1092
<212> DNA
<213> Aspergillus nidulans

<400> 9630

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<210> 9631
 <211> 640
 <212> DNA
 <213> Aspergillus nidulans

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<210> 9632
 <211> 757
 <212> DNA
 <213> Aspergillus nidulans

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<210> 9633
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9633

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<210> 9634
 <211> 654
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 9635
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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations

<400> 9635

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<211> 1456
<212> DNA
<213> *Aspergillus nidulans*

<400> 9636

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 <213> *Aspergillus nidulans*

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 <211> 2193
 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9640

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9641

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<210> 9642
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9642

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<210> 9643
 <211> 753
 <212> DNA
 <213> Aspergillus nidulans

<400> 9643

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 <212> DNA
 <213> Aspergillus nidulans

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1201

<210> 9646
<211> 541
<212> DNA
<213> *Aspergillus nidulans*

<400> 9646

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541

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9647

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<210> 9648
<211> 558
<212> DNA
<213> *Aspergillus nidulans*

<400> 9648

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<400> 9649

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<400> 9651

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 <213> Aspergillus nidulans

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<210> 9653
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9653

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<213> *Aspergillus nidulans*

<400> 9654

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9655

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 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans

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<400> 9658

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9659

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<210> 9660
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<400> 9660

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9661
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 cgctgtcca gaaggtgcca ctctactcc aggagcagct aatgatgcgc ccatcgacag 180
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<210> 9662
 <211> 1094
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 9663
<211> 574
<212> DNA
<213> Aspergillus nidulans

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<210> 9664

<211> 690
 <212> DNA
 <213> Aspergillus nidulans

<400> 9664

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<210> 9665
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9665

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cagggcccgt tagaccagac gtggatcggc ggaggaaaga cgtgtttca aggttcgcat  180
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<210> 9666
 <211> 283
 <212> DNA

<213> Aspergillus nidulans

<400> 9666

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ggatatccag ctgtgcgtca accgcgactc cggcctcgaa cctgggctcg atactgccgg 180
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<210> 9667

<211> 2002

<212> DNA

<213> Aspergillus nidulans

<400> 9667

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aacaacaaaaa aggattgttt atttagaata aaagagaaga gggcggagag agaaagccga 180
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<210> 9668
<211> 574
<212> DNA
<213> *Aspergillus nidulans*
<400> 9668

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atcaacacta ttacatctca aacaaactcc atataacaaa acatacatca tcaacatcat 240
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 aataaacaac tcatacatca ccataactct actacacttc actctaccac atatctaacc 540
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<210> 9669
 <211> 567
 <212> DNA
 <213> Aspergillus nidulans

<400> 9669

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<210> 9670
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9671

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<210> 9672
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 <213> *Aspergillus nidulans*

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<210> 9673
 <211> 533
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 9674
 <211> 577
 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9675

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<212> DNA
<213> Aspergillus nidulans

<400> 9676

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9677

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 <213> Aspergillus nidulans
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<211> 2239
<212> DNA
<213> *Aspergillus nidulans*

<400> 9679

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 <211> 556
 <212> DNA
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<210> 9682
 <211> 265
 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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<212> DNA
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 <213> *Aspergillus nidulans*
 <400> 9686

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<400> 9687

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<400> 9688

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<213> Aspergillus nidulans

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<210> 9690

<211> 2011

<212> DNA

<213> Aspergillus nidulans

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<400> 9692

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<400> 9699

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1782

<210> 9700

<211> 1773

<212> DNA

<213> *Aspergillus nidulans*

<400> 9700

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 <211> 726
 <212> DNA
 <213> Aspergillus nidulans

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<210> 9702
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 <212> DNA

<213> Aspergillus nidulans

<400> 9702

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<210> 9703

<211> 1503

<212> DNA

<213> *Aspergillus nidulans*

<400> 9703

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9704

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 9706
<211> 167
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 9706

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<210> 9707
<211> 292
<212> DNA
<213> Aspergillus nidulans
<400> 9707

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<210> 9708
<211> 1202
<212> DNA
<213> Aspergillus nidulans
<400> 9708

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <211> 464
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 <400> 9710

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<210> 9711
 <211> 1365
 <212> DNA
 <213> Aspergillus nidulans

<400> 9711

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<400> 9722

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<211> 376
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 9724

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<212> DNA
<213> Aspergillus nidulans
<400> 9725

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<211> 124
<212> DNA
<213> Aspergillus nidulans

<400> 9726

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<210> 9727
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<212> DNA
<213> Aspergillus nidulans

<400> 9727

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<210> 9728
<211> 235
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 9728

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<210> 9729
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<212> DNA
<213> *Aspergillus nidulans*

<400> 9729

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<211> 173
<212> DNA
<213> *Aspergillus nidulans*

<400> 9730

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<210> 9731
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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 9732
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<212> DNA
<213> Aspergillus nidulans

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<210> 9733
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<212> DNA
<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 9734

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9735

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9736

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<210> 9737
 <211> 343
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 9737

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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 9738

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<400> 9740

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9741

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<400> 9742

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<213> Aspergillus nidulans

<400> 9743

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<210> 9744

<211> 486

<212> DNA

<213> Aspergillus nidulans

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<400> 9746

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 <213> *Aspergillus nidulans*

<400> 9747

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<211> 427
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 9751

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<210> 9752
 <211> 586
 <212> DNA
 <213> Aspergillus nidulans

<400> 9752

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<210> 9753
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans

<400> 9753

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ggcatcaaag gaggaagaga acgcttgctg aaagggtgctg gaagggtggtt actaaccaat   180
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ttatatattt tacactcttt ctattcatcc tataattaat tttttctatt tattttatgt   420
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<210> 9754
 <211> 454
 <212> DNA
 <213> Aspergillus nidulans

<400> 9754

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<210> 9755
 <211> 404
 <212> DNA
 <213> Aspergillus nidulans

<400> 9755

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<210> 9756
 <211> 413
 <212> DNA
 <213> Aspergillus nidulans

<400> 9756

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 tacaattcct accaaagaga gaacacagaa tgatcatata aacgcgtccg tcaaaacaag 360
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<210> 9757
 <211> 582
 <212> DNA
 <213> Aspergillus nidulans

<400> 9757

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<210> 9758
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 9758

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<210> 9759
 <211> 1410
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9759

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1410

<210> 9760

<211> 1372

<212> DNA

<213> *Aspergillus nidulans*

<400> 9760

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1372

<210> 9761
<211> 1089
<212> DNA
<213> Aspergillus nidulans

<400> 9761

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<210> 9762
<211> 515
<212> DNA
<213> Aspergillus nidulans

<400> 9762

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<210> 9763

<211> 973

<212> DNA

<213> *Aspergillus nidulans*

<400> 9763

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<210> 9764
<211> 542
<212> DNA
<213> Aspergillus nidulans

<400> 9764

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<212> DNA
<213> Aspergillus nidulans

<400> 9765

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<210> 9766
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9766

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<210> 9767
 <211> 1344
 <212> DNA
 <213> Aspergillus nidulans
 <400> 9767

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<210> 9768
 <211> 537
 <212> DNA
 <213> Aspergillus nidulans

<400> 9768

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<210> 9769
 <211> 564
 <212> DNA
 <213> Aspergillus nidulans

<400> 9769

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<210> 9770
 <211> 1885
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9770

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<211> 1111
<212> DNA
<213> *Aspergillus nidulans*

<400> 9771

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9772

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<210> 9773
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9773

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9774

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<210> 9775
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9775

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9776

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9777

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9778

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<210> 9779
 <211> 512
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9779

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<210> 9780
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<212> DNA
<213> Aspergillus nidulans

<400> 9780

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<211> 1596
<212> DNA

<213> Aspergillus nidulans

<400> 9781

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<211> 721
<212> DNA
<213> Aspergillus nidulans

<400> 9782

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<210> 9783
<211> 451
<212> DNA
<213> Aspergillus nidulans

<400> 9783

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<210> 9784
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<212> DNA
<213> Aspergillus nidulans

<400> 9784

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<210> 9785
<211> 958
<212> DNA
<213> Aspergillus nidulans

<400> 9785

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 9786

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<210> 9787
 <211> 559
 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 9789
<211> 1640
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 9789

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<210> 9790
 <211> 1170
 <212> DNA
 <213> Aspergillus nidulans

<400> 9790

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<210> 9791

<211> 1181

<212> DNA

<213> *Aspergillus nidulans*

<400> 9791

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<210> 9792
 <211> 545
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9792

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<210> 9793
<211> 550
<212> DNA
<213> Aspergillus nidulans

<400> 9793

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<210> 9794
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<212> DNA
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<210> 9816

<211> 720
 <212> DNA
 <213> Aspergillus nidulans

<400> 9816

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<210> 9817
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9817

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 <212> DNA
 <213> Aspergillus nidulans

<400> 9818

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 <213> *Aspergillus nidulans*

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 <212> DNA

<213> Aspergillus nidulans

<400> 9820

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<210> 9821

<211> 1540

<212> DNA

<213> Aspergillus nidulans

<400> 9821

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<212> DNA
<213> *Aspergillus nidulans*
<400> 9822

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<210> 9823
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9823

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 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*
<400> 9825

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 9826

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<210> 9827
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 <212> DNA
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 <400> 9827

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 <400> 9828

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<400> 9829

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<400> 9830

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<210> 9831

<211> 1287

<212> DNA

<213> *Aspergillus nidulans*

<400> 9831

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 <212> DNA
 <213> *Aspergillus nidulans*

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<400> 9833

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<213> Aspergillus nidulans

<400> 9837

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 <213> *Aspergillus nidulans*

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<400> 9849

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 <400> 9852

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<400> 9853

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 <213> *Aspergillus nidulans*

<400> 9854

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<210> 9855
 <211> 573
 <212> DNA
 <213> Aspergillus nidulans

<400> 9855

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<210> 9856
 <211> 521
 <212> DNA
 <213> Aspergillus nidulans

<400> 9856

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 <213> *Aspergillus nidulans*

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932

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9859

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<211> 1063
<212> DNA
<213> *Aspergillus nidulans*

<400> 9860

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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9862

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9863

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787

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9864

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<213> *Aspergillus nidulans*

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<400> 9875

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<400> 9876

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<213> Aspergillus nidulans

<400> 9888

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<210> 9889
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<213> Aspergillus nidulans

<400> 9889

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<400> 9890

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 <213> *Aspergillus nidulans*

<400> 9891

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 <213> Aspergillus nidulans
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<212> DNA
<213> Aspergillus nidulans

<400> 9894

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<210> 9895
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<212> DNA
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<400> 9895

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<210> 9896
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<213> Aspergillus nidulans

<400> 9896

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9897

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<400> 9898

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<400> 9899

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<400> 9900

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<213> *Aspergillus nidulans*

<400> 9902

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<213> Aspergillus nidulans

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<213> Aspergillus nidulans

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<400> 9906

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<400> 9907

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 <213> *Aspergillus nidulans*

<400> 9908

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<213> *Aspergillus nidulans*

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<210> 9910
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<213> *Aspergillus nidulans*

<400> 9910

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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans

<400> 9918

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<212> DNA
<213> Aspergillus nidulans

<400> 9919

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 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 9923

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9924

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<212> DNA
<213> Aspergillus nidulans

<400> 9925

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<210> 9926
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 9926

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 agagacttta atgtactggt gagattttgc ggccggcttg gggatgagaa ggccggcgat 180
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<210> 9927
<211> 165
<212> DNA
<213> Aspergillus nidulans

<400> 9927

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<210> 9928
<211> 165
<212> DNA
<213> Aspergillus nidulans

<400> 9928

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<210> 9929
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<212> DNA
<213> Aspergillus nidulans

<400> 9929

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 <213> *Aspergillus nidulans*

<400> 9930

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 tcgctcagaa agcactaact gtggagctga cacgtctgta cctcaccac gatctaagac 420
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 aatttgaagc atgcccaatg ctggaagcca tccccagcc ttctgtgtcg ggaggcacag 1680

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<210> 9931
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<213> *Aspergillus nidulans*
<400> 9931

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<210> 9932
 <211> 198
 <212> DNA
 <213> Aspergillus nidulans

<400> 9932

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<210> 9933
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 <212> DNA
 <213> Aspergillus nidulans

<400> 9933

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<210> 9934
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9934

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 <400> 9935

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<210> 9936
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 <213> *Aspergillus nidulans*
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<210> 9937
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 <212> DNA
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<400> 9937

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<212> DNA
<213> *Aspergillus nidulans*

<400> 9938
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<210> 9939
<211> 146
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 9939

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<210> 9940
<211> 2018
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 9940

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<210> 9941
 <211> 1149
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 9941

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<210> 9942
 <211> 606
 <212> DNA
 <213> Aspergillus nidulans

<400> 9942

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<210> 9943
<211> 1514
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 9943

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<210> 9944
 <211> 1901
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9944

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9945

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<210> 9946
<211> 1769
<212> DNA
<213> Aspergillus nidulans
<400> 9946

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<210> 9947
 <211> 2059
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9947

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 <213> *Aspergillus nidulans*

<400> 9948

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 <213> *Aspergillus nidulans*

<400> 9949

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 <213> Aspergillus nidulans

<400> 9950

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 <213> Aspergillus nidulans

<400> 9951

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9952

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 <213> *Aspergillus nidulans*

<400> 9953

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<212> DNA
<213> *Aspergillus nidulans*

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<210> 9955
<211> 1184
<212> DNA
<213> *Aspergillus nidulans*

<400> 9955

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<400> 9956

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 <213> Aspergillus nidulans

<400> 9958

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<400> 9959

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 <213> *Aspergillus nidulans*

<400> 9961
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<400> 9963

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 9964

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 <213> *Aspergillus nidulans*

<400> 9968

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<210> 9969
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 <213> Aspergillus nidulans

<400> 9969

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<400> 9970

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 <212> DNA
 <213> Aspergillus nidulans

<400> 9971

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 <213> Aspergillus nidulans

<400> 9972

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 <213> Aspergillus nidulans

<400> 9973

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<400> 9974

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<211> 1940

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations
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<210> 9978
 <211> 1600
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<400> 9979

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<400> 9980

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<400> 9983

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 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans

<400> 9999

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<213> Aspergillus nidulans
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<210> 10001
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<212> DNA
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1538

<210> 10002
<211> 109
<212> DNA
<213> Aspergillus nidulans

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cataactatg cctagaaaca ccagaggaag cagagtacac accacactg 109

<210> 10003
<211> 739
<212> DNA
<213> Aspergillus nidulans

<400> 10003

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<211> 1590
<212> DNA
<213> Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 10007

<211> 107

<212> DNA

<213> *Aspergillus nidulans*

<400> 10007

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<210> 10008

<211> 495

<212> DNA

<213> *Aspergillus nidulans*

<400> 10008

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<212> DNA

<213> *Aspergillus nidulans*

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<210> 10010

<211> 1839

<212> DNA

<213> *Aspergillus nidulans*

<400> 10010

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<212> DNA
<213> Aspergillus nidulans
<400> 10011

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<210> 10012
<211> 158
<212> DNA
<213> Aspergillus nidulans

<400> 10012

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<210> 10013
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 10013

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<210> 10014
 <211> 1267

<212> DNA
<213> Aspergillus nidulans

<400> 10014

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<210> 10015
<211> 485
<212> DNA
<213> Aspergillus nidulans

<400> 10015

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<210> 10016

<211> 125

<212> DNA

<213> *Aspergillus nidulans*

<400> 10016

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<210> 10017

<211> 805

<212> DNA

<213> *Aspergillus nidulans*

<400> 10017

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<210> 10018
<211> 1166
<212> DNA
<213> *Aspergillus nidulans*
<400> 10018

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 10019

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<210> 10020
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10020

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<210> 10021
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 10022
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 10023
 <211> 925
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 10023

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<210> 10024
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10024

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<210> 10025
 <211> 736
 <212> DNA
 <213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

<400> 10027

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<212> DNA
<213> *Aspergillus nidulans*

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<210> 10035
 <211> 829
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10035

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 <211> 259
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10036

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<210> 10037
<211> 131
<212> DNA
<213> Aspergillus nidulans

<400> 10037

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<210> 10038
<211> 789
<212> DNA
<213> Aspergillus nidulans

<400> 10038

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<210> 10039
 <211> 147
 <212> DNA
 <213> Aspergillus nidulans

<400> 10039

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<210> 10040
 <211> 2117
 <212> DNA
 <213> Aspergillus nidulans

<400> 10040

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<210> 10041
 <211> 2269
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10041

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 <212> DNA
 <213> *Aspergillus nidulans*

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 tattagccag gtcgatgaag aggcacgtca ttaatgaacg aagtgacggg cgtaaaggac 180
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<210> 10043
 <211> 734
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 10044
<211> 555
<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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 <400> 10046

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10047

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 <211> 167
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10048

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<210> 10049
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10049

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 10051
 <211> 2336
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 10051

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<211> 992
 <212> DNA
 <213> Aspergillus nidulans

<400> 10052

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<210> 10053
 <211> 175
 <212> DNA
 <213> Aspergillus nidulans

<400> 10053

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<210> 10054
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10054

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10055

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 <211> 1940
 <212> DNA

<213> Aspergillus nidulans

<400> 10056

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<211> 2075
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<213> *Aspergillus nidulans*

<400> 10057

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 <213> *Aspergillus nidulans*
 <400> 10058

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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 10062
 <211> 138
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 10063
 <211> 1648
 <212> DNA
 <213> *Aspergillus nidulans*

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 aagatctatt tagagtcggt agcatgaaaa tggcttccag cctctgagct tactctatca 300
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 <211> 381
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 10064

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<210> 10065
<211> 439
<212> DNA
<213> Aspergillus nidulans
<400> 10065

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<213> Aspergillus nidulans
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<210> 10067
 <211> 1663
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10067

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10068

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<210> 10069
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 <213> Aspergillus nidulans

<400> 10069

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<210> 10070
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 <212> DNA
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<400> 10070

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<210> 10071
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10071

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<210> 10072
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10072

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<210> 10073
<211> 124
<212> DNA
<213> *Aspergillus nidulans*

<400> 10073

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<210> 10074
<211> 1517
<212> DNA
<213> *Aspergillus nidulans*

<400> 10074

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<400> 10075

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<210> 10076
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10076

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<210> 10077
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10077

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<211> 1264
<212> DNA
<213> *Aspergillus nidulans*

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<210> 10079
<211> 580
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 10079

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<211> 942
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<210> 10081
<211> 874
<212> DNA
<213> *Aspergillus nidulans*

<400> 10081

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<210> 10082
 <211> 124
 <212> DNA
 <213> Aspergillus nidulans

<400> 10082

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<210> 10083
 <211> 175
 <212> DNA
 <213> Aspergillus nidulans

<400> 10083

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<210> 10084
 <211> 709
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 10084

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<210> 10085
<211> 684
<212> DNA
<213> *Aspergillus nidulans*

<400> 10085
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<213> *Aspergillus nidulans*

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<211> 1498

<212> DNA

<213> *Aspergillus nidulans*

<400> 10103

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<213> Aspergillus nidulans

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<210> 10105

<211> 1752

<212> DNA

<213> Aspergillus nidulans

<400> 10105

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 <400> 10107

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<212> DNA
<213> Aspergillus nidulans

<400> 10108

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<400> 10110

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 <213> *Aspergillus nidulans*

<400> 10111

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<400> 10113

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caatctatca acatacttac acaatatttt cttatctaata taatatatat tccaatatca 480
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<210> 10115
 <211> 507
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 10115

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<210> 10116
 <211> 1419
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10116

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1419

<210> 10117

<211> 1312

<212> DNA

<213> Aspergillus nidulans

<400> 10117

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<210> 10118
 <211> 1164
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10118

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<210> 10119
 <211> 834
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10119

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agaatgtttc catttcgca tagcttcaaa ggcttcaaag cgcatacgta gccagtcagg 780
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<210> 10120

<211> 2296

<212> DNA

<213> *Aspergillus nidulans*

<400> 10120

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<210> 10121
 <211> 626
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 10122
 <211> 106
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 10122

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<210> 10123

<211> 849
 <212> DNA
 <213> Aspergillus nidulans

<400> 10123

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<210> 10124
 <211> 562
 <212> DNA
 <213> Aspergillus nidulans

<400> 10124

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 ttcatcatta cataatatga aaaatctttt ctatcattca atctaaatat acctattaat 480
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<210> 10125
 <211> 292
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 10126
 <211> 2555
 <212> DNA
 <213> Aspergillus nidulans
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<210> 10127
 <211> 288
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10127
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 agggagccga gcgacgagag cggggcccg gccacggcca ggaagagacc gggacggcaa 180
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<210> 10128
 <211> 1602
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10128
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gccatctgtc ggcggctcgt tgctgtacgt gcttgttgcg gattattcgc cggcagaact 480
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<210> 10129
<211> 391
<212> DNA
<213> *Aspergillus nidulans*

<400> 10129

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gcacaacgga ggccccgca ccgagaagag ggccaggaaa ccacggcccc gcgggcaggc 180

aaggcgagac aggaggaagc cggggggcca ggagccgtcg gcgaggcaga caggcacggc 240
 cggagagagc gaagacgggg aagaaacaga gggatgaggt gcgagcagg ggaaccggac 300
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 gaaacaagac aaaaccaggg aggcggacga g 391

<210> 10130
 <211> 290
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10130
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 ggggcaccac cccacacaga gaaacagggg cgaaccgcgg cgcacagccc gacggagagc 180
 caacgaggag ccggcagggg acggaaagag agcggacggc cgggcgcaga cccagggggc 240
 gcgagggcac ccgcacgcgg ggggccaagg ggcgagatgg ggcgaaggcg 290

<210> 10131
 <211> 1258
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10131
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 ggatatatgc ctcttcacag tttgtataat ttgaggctca gccaccgcc acggggtatg 180
 cgtattcgca gcgaattgcg gaggctgtga aactgttca taacgttagt tgtccatcac 240
 gccagtatac tttcattgga atcacgcact ccgataggtc aggaatgacg atcttcgtat 300
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cactggtcgc tgcactggcc caggatcacg gcataatgag ccaagaccac gagcgccatt 660
 ggattccgat gctcagcag atcgatatag tcgttctgaa cagcgttggg ccatgaaagc 720
 ggccgtaaac tccgcttcag atggatcttc agggctctcc taaatagctg gatggtttcg 780
 gaattgatgc ttccgacccg agggctcgtca ctagacgatt ctaccacagg ctgcagggtc 840
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 gggaaggcct ggactgcgtg ggagttggag tcgttgatat tttctgcctc cttgcggaaa 1140
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<210> 10132
 <211> 607
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10132

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 cactcccgtc ctgggcctct tttcagtctg tgccatagct gcaacactta ttagaggcat 180
 ttataatcta ctttaccatt agaggtaacca ttaatcattc atatcatttg aatgctcgat 240
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 ctcaacatca cttactctaa ttgaattcta tcttctaac tctatacact cctcaatttt 540
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<210> 10133
 <211> 311
 <212> DNA
 <213> Aspergillus nidulans

<400> 10133

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 gcgcagtacg aagccatcgc gtgcacctac aggaaatgga ctcttggcat ggcgattaaa 180
 cgcttctacg gagaacaagg aatacactct tctccgctc taccgtcgtt acgaagacgt 240
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 cgtgctcgat g 311

<210> 10134
 <211> 920
 <212> DNA
 <213> Aspergillus nidulans

<400> 10134

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 aggaatccta aagctaattgc tgtataccat gtatatcatt gaaaccatag gaaaattgta 180
 caataatacg gagtaccacg gaatacggcg tacggtaaaa cagtagcccg gcattgcgtc 240
 tggagatgta caacagcctt gtaaaactgag ctaatactcg gatataccaa gtctgggcac 300
 ataattcata gtagttatat cagatttgaa cactcagctg catagtaatc ggaacaaagt 360
 atggagcgac tctagcatag gacggagcag aggaccggga actccaggaa catccgcaat 420
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 ccttcttttt cgcaccacca agacgtctat tctgcgtccc cgtggtgtaa accctgtgca 660
 atatgcgctc ttcaaagata ggcagactgt ccgcgcgatg gcaactacct ttgagcgcac 720
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 taaacacttg aaaggcacca ttggacactt tgatcacgga aggggccgta ctttaaactc 840

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<210> 10135
<211> 1091
<212> DNA
<213> Aspergillus nidulans

<400> 10135

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aggaaatggt t 1091

<210> 10136
<211> 348

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 10136

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 ggacggggggg canngagcgg ccgcaggcga gccggcggca gcagggggcag agccagggga 180
 gncggagaga gaggagcggc gacagggcca ccacggccag gcagccccgg aacgggagggc 240
 cgacccggag ggacgccaac aggggggggg acgccnngg cagccgggag caaggggnng 300
 gagagccagg ggggagacca gngcaggaca gggcgaaaca ggaggagc 348

<210> 10137
 <211> 410
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10137

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 agagcccagg gcaggagaaa aggcggagcg ccgacacgca gcgaaagaag ggagaaccgg 180
 agggcatgag aagacagggg aaacagggcg cgacaggaga gggccggaac aaccagggcg 240
 tgggcagggc cgacacccaa aggaccggca gggagccag aggacaggcc gcacgagcgc 300
 aagaagaagg tgcacgaagg gagaaaacga gggactggga aaagccctgg agacagagag 360
 caccagagaa ttgaaaagaa aagagaaaga gagcacgacg ggccgagggg 410

<210> 10138
 <211> 1801
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10138

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tgggtcaacc catcggtcct cgaatgccca ggcagcacct acccagtgat ctttaccggt 240
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 ttccggcctct acggtcatga cgttcccatc cacgcagcct ttcaacgcac caccgacgca 360
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<210> 10139
 <211> 354
 <212> DNA
 <213> Aspergillus nidulans

<400> 10139

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 agaggacagc gagccgacgg cggaggcaca cggcccagtc cagggcgagc aatcggggaag 300
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<210> 10140
 <211> 1526
 <212> DNA
 <213> Aspergillus nidulans

<400> 10140

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<210> 10141
 <211> 1407
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 10142
<211> 341
<212> DNA
<213> *Aspergillus nidulans*
<400> 10142

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<212> DNA

<213> Aspergillus nidulans

<400> 10143

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<210> 10144

<211> 601

<212> DNA

<213> Aspergillus nidulans

<400> 10144

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<210> 10145
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 <213> *Aspergillus nidulans*
 <400> 10145

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 <211> 1522
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10146

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<210> 10147
 <211> 1871
 <212> DNA
 <213> Aspergillus nidulans

<400> 10147

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<210> 10148
 <211> 296
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 10148

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 gacggagccg gcgcgcaaag ccaggcgggg acacggagcg cggcacaccc gggacggagg 180
 aggccgcacc ccaggcgaga caaagagccc gcgcaaagcg ggaagagcgc gccgagagcg 240
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<210> 10149
 <211> 399
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
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<210> 10150
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 <212> DNA
 <213> Aspergillus nidulans

 <400> 10150

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10151

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<210> 10152
<211> 532
<212> DNA
<213> *Aspergillus nidulans*

<400> 10152

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<210> 10153
<211> 1157
<212> DNA
<213> *Aspergillus nidulans*

<400> 10153

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<210> 10154

<211> 495

<212> DNA

<213> *Aspergillus nidulans*

<400> 10154

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<210> 10155
<211> 1142
<212> DNA
<213> *Aspergillus nidulans*

<400> 10155
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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 10157
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 <213> *Aspergillus nidulans*

<400> 10157

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<210> 10158
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10158

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<210> 10159
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10159

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<210> 10160
<211> 791
<212> DNA
<213> Aspergillus nidulans

<400> 10160

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<211> 1033
<212> DNA
<213> Aspergillus nidulans

<400> 10161

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 10162

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<210> 10163
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10163

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10164

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<210> 10165
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10165

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<210> 10166
 <211> 310
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 10166

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<210> 10167
 <211> 1334
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10167

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<210> 10168
 <211> 1052
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10168

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 <211> 600
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 <213> *Aspergillus nidulans*

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<210> 10170
 <211> 576
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10170

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<210> 10171
 <211> 106
 <212> DNA
 <213> Aspergillus nidulans

<400> 10171

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10172

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 <211> 1491
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10173

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<210> 10174
 <211> 1118
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10174

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<210> 10175
 <211> 238
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10175

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<210> 10176
 <211> 1167
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10176

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<210> 10177

<211> 397

<212> DNA

<213> *Aspergillus nidulans*

<400> 10177

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<210> 10178
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 10179
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10179
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<210> 10180
<211> 458
<212> DNA
<213> *Aspergillus nidulans*

<400> 10180

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<210> 10181
<211> 913
<212> DNA
<213> Aspergillus nidulans

<400> 10181

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<210> 10182
<211> 150
<212> DNA
<213> Aspergillus nidulans

<400> 10182

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<210> 10183
<211> 1332
<212> DNA
<213> Aspergillus nidulans

<400> 10183

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10184

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 <213> Aspergillus nidulans

<400> 10187

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 <213> Aspergillus nidulans

<400> 10188

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<212> DNA
<213> *Aspergillus nidulans*

<400> 10189

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 <213> Aspergillus nidulans

<400> 10191

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<400> 10193

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<400> 10195

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<210> 10205
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<212> DNA
<213> *Aspergillus nidulans*

<400> 10205

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<212> DNA
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<210> 10207
<211> 2034
<212> DNA
<213> Aspergillus nidulans
<400> 10207

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<210> 10208
 <211> 468
 <212> DNA
 <213> Aspergillus nidulans
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<210> 10209
 <211> 239
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 10209

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<210> 10210
 <211> 110
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 10210

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<210> 10211
 <211> 1280
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10211

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1280

<210> 10212
<211> 1502
<212> DNA
<213> *Aspergillus nidulans*

<400> 10212

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<210> 10213
 <211> 319
 <212> DNA
 <213> Aspergillus nidulans

<400> 10213

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<210> 10214
 <211> 291
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 10214

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<210> 10215
 <211> 943
 <212> DNA
 <213> Aspergillus nidulans

<400> 10215

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<210> 10216

<211> 267

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 10216

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<210> 10217
 <211> 1713
 <212> DNA
 <213> Aspergillus nidulans

<400> 10217

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<210> 10218
 <211> 1366
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10218

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<210> 10219
 <211> 2462
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10219

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<210> 10220
<211> 557
<212> DNA
<213> Aspergillus nidulans

<400> 10220

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aagaacgtga actagctgca caagaagtcg cgctcgagcg agactacgtt gttgtggaga 480
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<210> 10221

<211> 245

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 10221

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ggttctcaat agctgcattg tagagctgga ccgcagcagg catgatcatg gctagtaatg 180
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<210> 10222

<211> 1229

<212> DNA

<213> *Aspergillus nidulans*

<400> 10222

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tatagacttc ttccaataag ttatccaagt tctccacatt cgccacacac caccattgctt 180
tcattcttcgg atttaccacg gccatattag ggtggccggc tgaccaaagg cttctgagtt 240
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<210> 10223
<211> 1461
<212> DNA
<213> *Aspergillus nidulans*
<400> 10223

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gatgttgctg tcggttctac agaaggatga tcgtcgctca tggcatatgg tgaattgtac 180
tgattgctct ggctagtgtc ctgcgtcgat gattctcgga gaaggctggg aagagggcgc 240

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<210> 10224
 <211> 1203
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10224

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eggcacacaa tgcattgtctg cagtagacta tgcagagtgg gaaattccag tgggaatttg 180
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<210> 10225
 <211> 1407
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10225

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 acttaaacag acgacgctct cgagaacgcc tattccatgg caggggtttc tgaggaagcc 240

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<210> 10226
<211> 766
<212> DNA
<213> Aspergillus nidulans

<400> 10226

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aaaatctcga gaaaacgaat tgcgagagag ttgacacgtc ctcccggtct gacaacgcgt 180

tggaaataggg tattgcgtat tctcgaaaag atgtcgtgtc tccagggaac caattacttc 240
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 ggaggccgtt ctgccaggga gctggcccg atcttctctc ctctgaccc tagcgataaa 660
 ctgtcatctc cttccccaaa cgacaccagg acccttaaag acgctatcag acgacatact 720
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<210> 10227
 <211> 737
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10227
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 aacattatgc agctatattg caaatagtaa tgtagactgt acaatccaga acgtcaacag 300
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 ttaaaagtat gccgaacaat gtggatatat atggcaagat gttaatcatt atacgaggat 420
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 cctctgtttg acgctggata ttgctgggga ggagggtgc cactgctgct gcggagactg 660
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 gtcataaata gtagtaa 737

<210> 10228
 <211> 373
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 10228

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<210> 10229
 <211> 1361
 <212> DNA
 <213> Aspergillus nidulans

<400> 10229

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<210> 10230
<211> 107
<212> DNA
<213> Aspergillus nidulans
<400> 10230

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<210> 10231
<211> 1905
<212> DNA
<213> Aspergillus nidulans
<400> 10231

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<210> 10232
 <211> 767
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 10232

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<210> 10233
 <211> 116
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 10233

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<210> 10234
 <211> 1012
 <212> DNA
 <213> Aspergillus nidulans

<400> 10234

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<210> 10235
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<212> DNA
<213> *Aspergillus nidulans*

<400> 10235

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<210> 10236
 <211> 106
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 10236

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<210> 10237
 <211> 114
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10237

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<210> 10238
 <211> 478
 <212> DNA
 <213> Aspergillus nidulans

<400> 10238

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<210> 10239
 <211> 824
 <212> DNA
 <213> Aspergillus nidulans

<400> 10239

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<210> 10240
 <211> 596
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10240

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<210> 10241
 <211> 242
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 10241

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 tctaaatata atctatacct actataattt atcttatttc ccaactcttc acctattaa 180
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<210> 10242
 <211> 1786
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10242

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<210> 10243
 <211> 1893
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10243

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<210> 10244
 <211> 100
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10244

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<210> 10245
 <211> 832
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10245

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<210> 10246
 <211> 195
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10246

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<210> 10247
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10247

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<210> 10248
 <211> 537
 <212> DNA
 <213> Aspergillus nidulans

<400> 10248

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<210> 10249
 <211> 168
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10249

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<210> 10250
 <211> 1561
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10250

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10251

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<210> 10252
 <211> 442
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10252

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<213> *Aspergillus nidulans*

<400> 10253

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<210> 10254
 <211> 2565
 <212> DNA
 <213> Aspergillus nidulans

 <400> 10254

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10255

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 cttttcgctc gttgtaatgc acactctgaa tgatctttgg tcgaaccaac gagcatttcg 240
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10256

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<210> 10257
 <211> 1924
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10257
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<210> 10258
 <211> 833
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10258

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<210> 10259
<211> 170
<212> DNA
<213> Aspergillus nidulans

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<210> 10260
<211> 2270
<212> DNA
<213> Aspergillus nidulans

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 <211> 192
 <212> DNA
 <213> Aspergillus nidulans

<400> 10261

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<210> 10262
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10262

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 <213> Aspergillus nidulans

<400> 10263

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10264

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<211> 108
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<213> *Aspergillus nidulans*
<400> 10265

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<210> 10266
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<212> DNA
<213> Aspergillus nidulans

<400> 10266

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<211> 343
<212> DNA
<213> Aspergillus nidulans

<400> 10267

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<210> 10268
 <211> 1840
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10268

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10269

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 <213> *Aspergillus nidulans*
 <400> 10270

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<210> 10271
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<212> DNA
<213> Aspergillus nidulans
<400> 10271

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<210> 10272
<211> 1364
<212> DNA
<213> Aspergillus nidulans
<400> 10272

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<210> 10273
 <211> 604
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10273

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 gaagaatgta gtttctctaa ttatttgaaa tgttcattta gcctttgatt ttactgata 480
 ttaactagca aactgcttta agtcagctca aaggattata tagtaactat atctgcattt 540
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<210> 10274
 <211> 126

<212> DNA
 <213> Aspergillus nidulans
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 <213> Aspergillus nidulans
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 cagtggtcag tg 192

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 <213> Aspergillus nidulans
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 tgggtca 127

<210> 10277
 <211> 2832
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 <213> Aspergillus nidulans
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<210> 10278
 <211> 1433
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10278

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<210> 10279
<211> 100
<212> DNA
<213> Aspergillus nidulans

<400> 10279

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<210> 10280
<211> 619

<212> DNA
 <213> Aspergillus nidulans
 <400> 10280
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<210> 10281
 <211> 137
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10281
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<210> 10282
 <211> 2274
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10282
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<210> 10283
 <211> 1800
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10283

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<210> 10284
 <211> 230
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10284

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 caattataag tggcttctcc cagccaaaca ttcagcacta gcgtcggata taatgcgtcg 180
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<210> 10285
 <211> 1058
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10285

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 cacgcccagg gtcgttTgtg catgcatgtc cacgccatgg tagtcacggc tcaggatgga 360
 ttcggaccag agggcgggcg gagggcgac gagagctgca ttgggcactc ggcaggtatt 420
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<210> 10286
 <211> 1652
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10286

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 <400> 10287

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 <211> 1261
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<400> 10288

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 <213> Aspergillus nidulans
 <400> 10290

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 <211> 169
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10291

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10292

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<213> *Aspergillus nidulans*

<400> 10293

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10294

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 <212> DNA
 <213> Aspergillus nidulans
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 <212> DNA
 <213> Aspergillus nidulans

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<211> 394
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
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 <211> 1761
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 10303
 <211> 231
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 10303

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<210> 10304
 <211> 2097
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10304

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<210> 10305
 <211> 300
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 10305

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 ggcacngtc aacgtgagaa tcaggcttgc tnatgactta cggatgacta ggtcggcttt 180
 catacaatcg cgatactagn tacgaagncg gaggatactn ttagcccaag ttactncatc 240
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<210> 10306
 <211> 504
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10306

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 ctgagttggg cctggcagca tgcaggtact ccttcccaca gagtggaaac ggcataaaat 180
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<210> 10307
<211> 1999
<212> DNA
<213> *Aspergillus nidulans*

<400> 10307

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<210> 10308
<211> 126
<212> DNA
<213> Aspergillus nidulans
<400> 10308

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ggagat 126

<210> 10309
<211> 101
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 10309

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101

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<212> DNA
<213> Aspergillus nidulans

<400> 10310

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<210> 10311
<211> 535
<212> DNA
<213> *Aspergillus nidulans*

<400> 10311

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<212> DNA
<213> *Aspergillus nidulans*

<400> 10312

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<210> 10313
<211> 1906
<212> DNA
<213> *Aspergillus nidulans*

<400> 10313

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<400> 10314

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<212> DNA
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<400> 10316

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 <213> *Aspergillus nidulans*

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 <400> 10325

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 acgtcaatgt 1210

<210> 10326
 <211> 1235
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10326

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 tcttatttgt tgagcccgta tggcgccac tttcttttcc cttcttccct ctttttattc 180
 atacttttcc aagctgatgt ctgctttacg acgcgtaggc cgcgacggaa ttttttatat 240
 ccttcctaata accatctctc ctggatcaat cgcaactcta tcttctgaaa ccaccgtcaa 300
 agttactaaa gcacctactc tagtagtccg tacggattaa gagctactca acagagaccg 360
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 agtataccgt atataaggcg tctctccgtc aatctctcaa ttcagattcc tcaataatat 600
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<210> 10327
 <211> 106
 <212> DNA
 <213> Aspergillus nidulans

<400> 10327
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 atgaccctgc ggtatccage gtcaggtctg ccgaatccgc ggatec 106

<210> 10328
 <211> 1607
 <212> DNA
 <213> Aspergillus nidulans

<400> 10328
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 gatgaggaga agcggagaca cgcgaggggg atgaggcgtg taggaagcgt tctcgttgtc 180
 cccctcgta ctggccttga gatgagcatg gtgtacgttc ctgcaattg gtctttttta 240
 caggtttgcc ttaattatgg ctttgagttg cttggatgta ttaaagagct atcttgagat 300
 tgtggggaga tagctcaaga tgcctcggct gctaattccg agaccgagat atagcataca 360
 gccgtttccc gagaaagcct ttatacttcc ccacgcttcg atcctacatt gcgaaaactg 420
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 cattcctctg gcccaaacgg gaggtacgtg tcgccctgaa gccagtacag cttgtctcta 600
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 gctcgctgc ttgcctcgc gggaccggct tgcagaacct gggttgggga tcgcgccatg 1200
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<210> 10329
 <211> 1026
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10329
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 gtcaagtcgc ccacttcagg tcgtagtcta cttacctatt ttttcagtaa tatcttgc 180
 accagagcag cctggactat accccacgcc catagttgat aaagttctaa ccatgacggc 240
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 ccaagacgaa gagtccacga accccgataa cttcaactat gtacgtattc gatgaaggta 360
 ccgttctcaa aatcatgggg aaagttaaac taacatatat attctcattt ccattgatca 420
 ggcattctct aacttcggtc tcatcaatcg ccgctacccc tccgactctg actctagctc 480
 ttcagatgca gagccagaga cacaatggcc ccgcctcgca acctacataa catatttaaa 540

cgctaccgca tcacaaggaa ccgtctacaa actccttttc ttgggtcggc acggacaggg 600
 cgtgcataac gttgcggaga gccgctacgg aaccccgctg tgggatgtag gtgcctacat 660
 cctttcaagt ccactatctg ttagcaactg aacatggaaa gctaacatac ttgtattttt 720
 gtgtagtgcc gttactccct tctgaagggc gacgagcacg gagactgggt cgacgcgcat 780
 cttacagaat tgggtatatc gcaggcgcca gtcgcgcacg aagcatggaa ggctcagata 840
 aaaaatggga ttccagcgcc acagtcgtac tacgttagtc cgttgatgag gtgctgcgag 900
 acggcaaagg tcacatttga aggtgtggga ctaccgggta cggagactgg caactttagg 960
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<210> 10330
 <211> 830
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10330
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 attgaatctg gcccgccgca cagcaatcgt gaccggctcc gcacgcggaa tgtacgccag 180
 gcctgcccc tatgggggtcc ccatacctca ctcagcatca ccatgggact aacacgaatt 240
 cacagaggca aggcaatcgc ctcccgaact gcccgcgatg gctactccgt ctgcgttaac 300
 gatataccca gctcccaggc ggcaatcgag gcaactgtct ctgaaatcaa atcacaatcc 360
 caggcaaattg ttatcggtat cccagcggac gtctcgtccg cgtcgtccgt ctctctctc 420
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 aacttcaacg gcgttttcaa ctgctatacg gccgcggcgc gacagatgat cgctcaaggc 600
 gacccaagg cgcccgcggtg tgctgaggtg tacaagatcc tcggcgcggc gagtatcgtc 660
 gccacaagcc gtttccaaca atggggatct actcagccag caagtgggcg gtgcgtgggc 720
 tgacgcaggc aatggccatg gagatggcga cgacaagatc acggtgaatg cgtatgcccc 780
 ggtatcgtgg acacgaagat gtgggaggcg attcgatgcg gattgggaga 830

<210> 10331
 <211> 182
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 10331

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 acgacttttt agacatgcaa aactagttag atttgaagac ngacatgaaa tacataacgc 120
 ctgccatcct tgatggaaat gaagaaagac ctaaatttcg gattctgcca gataactcga 180
 gc 182

<210> 10332
 <211> 1499
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10332

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 ggaacgcctg tgtagtccag ggcccatggg gcttcctcag gggtaaagag cccgcccagg 180
 gccaaggcc ggctccgccc ccacaggcta caggacccaa ggagaaaagc ctccctagtc 240
 ccagaaaaag ctaaaaggct aagaacgcag ctgcgggtcc aagggtctgc tcagcgcac 300
 agaagcaagc aggggtgctaa gggttctgct cccaaggctg ctgccaagtc tcgttaagaa 360
 atgaataacg gttcggttg ggattgggtg cggaaggcaa gagtttcatg gacgaatttt 420
 gggaggttac tggagctgga atatgtgttt tccctaccac caaaaatgaa atgttccaaa 480
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<210> 10333
 <211> 517
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10333
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 taaccggaac tacactgatt acaccagctg acaaaccgat gacatactaa gtggagctag 180
 tgctgaact cagacaagct tgccaagact acgaacgaaa gatgaaaact atctgcctaa 240
 ctgaccttct ataatacaca aagtgcatt gctagggccg acgtcacgac ctcataccat 300
 aaggataagc atgactgcat taaggatggg accaccacc acagtgatat tgacagggac 360
 tgaatcctac agcaccacac taaggtcgat cgccgcgggt atgttagcac tgaccatgaa 420
 tgatatacca gcacatgtac cggctgacat ttaggcaaag accgcggtcc acccccaggc 480
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<210> 10334
 <211> 596
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations

<400> 10334

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cccatccac atataatgta aatattcccc ccctattoga tctgtgcaaa ttcaatcctt 180
ctttttaaaa cgcattgcat tcaatcttcc ttactacaat accaatccgt atggattccg 240
gccgcactca aacacaatct gcaaaatatt gactgaatct gccattatct tgaccaccat 300
tcccatcata attcaaattc ttatatcctt ctctgctctc cttaaacaca tgtacaaaaa 360
ccaattcatt cctcatccag agatcatcca ttgggccacc ccttaaataa gccacctcaa 420
tttattctcc ccgctaatta ttgaaaagca atgggtcttc tacctattcc ctcatagaaa 480
aattcttact cttaggctcc ctatcccttt acatccctaa gagcccaaat atttaacca 540
aaccctactc caaacttaaa tattatctaa tatcttcaac aactccataa acctcc 596

<210> 10335

<211> 1778

<212> DNA

<213> *Aspergillus nidulans*

<400> 10335

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tccacggccc accccaaccc caaatagcat ccaaatatag gtccaggacc caactgtcaa 180
tgaatcaagt tctagtcatt gaaagccctg tgcagctcag atgtcgcaat caccaagtga 240
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 aatctaggac taggtggtga ggtgatagtt gttcaaga 1778

<210> 10336
 <211> 1106
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10336

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 tgagtaccct gctttgtgta cttgcctacc tgcctacctg ggcagtctta tctcggggcc 180
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 gcttttagcaa tgateccagat tcgccggaat agtagggcat actatgagag agatgagctc 300

catcggccgt gctagtgatt gttggttgtt tcgcagcttg gctttctttg attccttaca 360
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tgaccgggct gataagggca gtgcgaggtt ggtgccagtg aaaggagaga ttgttgagac 480
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tacttcttgc aacgaggaga ttctgctctt gaaccacgta tttggttaca gttatgggca 720
gccgtttgtt ggtaaaacca tctgggtcca ctgggtccatg cacaggtaaa taatttttgt 780
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<210> 10337
<211> 927
<212> DNA
<213> *Aspergillus nidulans*

<400> 10337

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ccaacgctat gaatacggaa tcggcgtgga ctttgaatcg cgtctcttct tcaatacagt 180
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 tctggtgaag gggagggaaat tctagtctac ggactttgaa ggatttttta ctgctatatt 840
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 ctctgttata ttatggctgg cgtatgg 927

<210> 10338
 <211> 207
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 10338

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 aancgtcgga cagcncgann ctatgtcent ggttacacaa tctatgncgg atcccgtgtg 180
 ggtcactcng tatttctaag cagtgtt 207

<210> 10339
 <211> 485
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10339

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<213> *Aspergillus nidulans*

<400> 10340

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<213> *Aspergillus nidulans*

<400> 10341

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 <213> *Aspergillus nidulans*

<400> 10342

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<400> 10343

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<400> 10344

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<400> 10345

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 <400> 10346

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 <400> 10347

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<210> 10348
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 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*
 <400> 10353

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10354

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10355

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10356

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 <213> Aspergillus nidulans

<400> 10357

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<210> 10358
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 <213> Aspergillus nidulans

<400> 10358

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<212> DNA
<213> *Aspergillus nidulans*

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<400> 10360

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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10363

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10364

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<210> 10365
 <211> 170
 <212> DNA

<213> Aspergillus nidulans

<400> 10365

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<210> 10366

<211> 941

<212> DNA

<213> Aspergillus nidulans

<400> 10366

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<210> 10367

<211> 123

<212> DNA

<213> Aspergillus nidulans

<400> 10367

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<210> 10368

<211> 317

<212> DNA

<213> Aspergillus nidulans

<400> 10368

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<210> 10369

<211> 199

<212> DNA

<213> Aspergillus nidulans

<400> 10369

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<210> 10370

<211> 2038

<212> DNA

<213> Aspergillus nidulans

<400> 10370

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<211> 109
<212> DNA
<213> Aspergillus nidulans

<400> 10371

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<210> 10372
<211> 244
<212> DNA
<213> Aspergillus nidulans

<400> 10372

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cgctctcctg gcgtcgtgct gtatttccga cgccctcccc taccagtgtc gtctccgccc 180
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<210> 10373
<211> 446
<212> DNA
<213> Aspergillus nidulans

<400> 10373

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<210> 10374
 <211> 1151
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 10374

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10375

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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
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<210> 10377
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10377

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10378

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<210> 10379

<211> 2601

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 10379

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 <213> Aspergillus nidulans

<400> 10380

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<210> 10381
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<400> 10381

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 <213> *Aspergillus nidulans*

<400> 10382

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<210> 10383

<211> 628

<212> DNA

<213> *Aspergillus nidulans*

<400> 10383

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<210> 10384

<211> 2245

<212> DNA

<213> *Aspergillus nidulans*

<400>

10384

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10385

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<210> 10386
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10386

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10387

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 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 10388

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<210> 10389
<211> 1300
<212> DNA
<213> Aspergillus nidulans

<400> 10389

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<210> 10390
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10390

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<210> 10391

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 <213> Aspergillus nidulans

<400> 10391

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<210> 10392
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 10392

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<210> 10393
<211> 1264
<212> DNA
<213> Aspergillus nidulans

<400> 10393

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<210> 10394
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 10394

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ttt 123

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<212> DNA
<213> Aspergillus nidulans

<400> 10395

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<211> 477
<212> DNA
<213> Aspergillus nidulans

<400> 10396

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<210> 10397
<211> 507
<212> DNA
<213> Aspergillus nidulans

<400> 10397

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<210> 10398
 <211> 453
 <212> DNA
 <213> Aspergillus nidulans

<400> 10398

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<210> 10399
 <211> 459
 <212> DNA
 <213> Aspergillus nidulans

<400> 10399

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<210> 10400

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 <213> Aspergillus nidulans
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 <211> 358
 <212> DNA
 <213> Aspergillus nidulans

<400> 10401

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<210> 10402
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10402

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 <213> *Aspergillus nidulans*

<400> 10403

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<212> DNA
<213> Aspergillus nidulans

<400> 10404

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<210> 10405

<211> 139

<212> DNA

<213> *Aspergillus nidulans*

<400> 10405

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<213> *Aspergillus nidulans*

<400> 10406

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<400> 10407

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<400> 10408

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<211> 1384

<212> DNA

<213> *Aspergillus nidulans*

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<210> 10411
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<400> 10411

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 <223> unsure at all n locations
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<400> 10413

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 10416
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 <213> *Aspergillus nidulans*

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<213> Aspergillus nidulans

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<213> Aspergillus nidulans

<223> unsure at all n locations
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 <213> Aspergillus nidulans
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<210> 10421
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<400> 10435

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 <213> *Aspergillus nidulans*

<400> 10436

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<212> DNA
<213> Aspergillus nidulans

<400> 10438

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1305

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<213> Aspergillus nidulans

<400> 10439

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<400> 10441

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<400> 10442

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<210> 10443
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10443

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<210> 10444
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<400> 10448

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<400> 10449

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<400> 10450

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<400> 10451

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<400> 10452

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<210> 10453
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 <213> Aspergillus nidulans

<400> 10453

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<400> 10454

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 <211> 487
 <212> DNA
 <213> Aspergillus nidulans

<400> 10455

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<211> 127
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 10456

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<210> 10457
<211> 229
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 10457

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<210> 10458
<211> 534
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 10459
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10459

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<211> 1429

<212> DNA
 <213> Aspergillus nidulans
 <400> 10460

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 <213> Aspergillus nidulans

<400> 10461

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 10462

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 10463

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 10465

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10466

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<211> 1308

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 10467

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<210> 10468
 <211> 106
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 10468

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<210> 10469
 <211> 1772
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10469

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acgctgtctg tactcgaatt tgctggctgc ggaaggtctg ggtaatcagc agatattagc 180
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1772

<210> 10470
<211> 141
<212> DNA
<213> Aspergillus nidulans

<400> 10470

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cgccagccct gggcactaag c 141

<210> 10471
<211> 299
<212> DNA
<213> Aspergillus nidulans

<400> 10471

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ctcgttgat tacgtcctca cgaaacacta cgacgtagag gtaactcgga actaaccttg 180
tcgttaactc ccggcttcct aggaacgcat cgtagatgga cgcgtcaacg acgaagtcgg 240
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<210> 10472
<211> 383
<212> DNA
<213> Aspergillus nidulans

<400> 10472

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ctacatacca gcatcaatct taaactagaa cttctcatga tactaaaaac tgatctaaca 180
cataacaatt attatcccct caacaacttt tttctagaca ctaaacctca actgatcaat 240
ccattaatta aatggccaac ctatagacat attttacttc aaaataccac tctacagcct 300
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383

<210> 10473
<211> 430
<212> DNA
<213> Aspergillus nidulans

<400> 10473

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<210> 10474
<211> 155
<212> DNA
<213> Aspergillus nidulans

<400> 10474

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gtaatgtcgt aattgtacct ctccggatat actcg 155

<210> 10475
<211> 1463
<212> DNA
<213> Aspergillus nidulans

<400> 10475

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<210> 10476
 <211> 1473
 <212> DNA
 <213> Aspergillus nidulans

 <400> 10476

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<210> 10477
 <211> 1439
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10477

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<210> 10478

<211> 139

<212> DNA
<213> Aspergillus nidulans

<400> 10478

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<210> 10479
<211> 110
<212> DNA
<213> Aspergillus nidulans

<400> 10479

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cgtcttgcca tacatgcggg atcccgttc ctgagcctcg tgagttcgaa 110

<210> 10480
<211> 473
<212> DNA
<213> Aspergillus nidulans

<400> 10480

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gattggttgt ccttgcctt atccgattga gatgtgtcct ttgtgttttc tttcaggtct 180
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<210> 10481
<211> 1275
<212> DNA
<213> Aspergillus nidulans

<400> 10481

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<210> 10482
 <211> 439
 <212> DNA
 <213> Aspergillus nidulans
 <400> 10482

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 <211> 2109
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 10483

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<400> 10485

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<400> 10486

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<400> 10487

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<400> 10488

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<400> 10489

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<213> Aspergillus nidulans

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<210> 10491
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 <213> Aspergillus nidulans

<400> 10491

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<400> 10492

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 <213> *Aspergillus nidulans*

<400> 10493

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<400> 10494

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<210> 10496
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<212> DNA
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<400> 10496

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<400> 10497

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<400> 10498

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<210> 10500
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<213> Aspergillus nidulans

<223> unsure at all n locations
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<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*
 <400> 10504

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 <213> Aspergillus nidulans

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<212> DNA
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 <213> *Aspergillus nidulans*

<400> 10512

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<223> unsure at all n locations

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 <400> 10517

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 <212> DNA
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<400> 10518

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<212> DNA
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<212> DNA
<213> Aspergillus nidulans

<400> 10521

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<400> 10523

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<211> 280

<212> DNA
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<212> DNA
<213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10526

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10527

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<212> DNA
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 <213> *Aspergillus nidulans*

<400> 10530

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 aaagcggcag gatcgctgat caatcataag attagaccgg gattgggctg cgtagtcggt 420
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 <213> Aspergillus nidulans

<400> 10531

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<400> 10532

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 <213> *Aspergillus nidulans*
 <400> 10533

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 <213> *Aspergillus nidulans*
 <400> 10534

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 <212> DNA
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<400> 10536

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<210> 10537
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10537

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<210> 10538
 <211> 1967
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10538

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10539

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<211> 495
<212> DNA
<213> Aspergillus nidulans

<400> 10540

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<210> 10541
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10541

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<210> 10542
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10542

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<210> 10543
 <211> 1916
 <212> DNA
 <213> Aspergillus nidulans

<400> 10543

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 10545
 <211> 519

<212> DNA
 <213> Aspergillus nidulans
 <400> 10545

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<210> 10546
 <211> 1895
 <212> DNA
 <213> Aspergillus nidulans
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<210> 10547
 <211> 2251
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10547

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <212> DNA
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<400> 10549

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<210> 10550
 <211> 2081
 <212> DNA
 <213> Aspergillus nidulans

<400> 10550

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<210> 10551
<211> 2083
<212> DNA
<213> *Aspergillus nidulans*

<400> 10551

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2083

<210> 10552
<211> 1867
<212> DNA
<213> *Aspergillus nidulans*

<400> 10552

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<210> 10553
 <211> 1293
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10553

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<210> 10554
<211> 913
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 10554

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<210> 10555
 <211> 914
 <212> DNA
 <213> Aspergillus nidulans

<400> 10555

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<210> 10556
 <211> 1220
 <212> DNA
 <213> Aspergillus nidulans

<400> 10556

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<210> 10557
 <211> 684
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10557

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<210> 10558
<211> 2454
<212> DNA
<213> Aspergillus nidulans

<400> 10558

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 <213> Aspergillus nidulans

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<400> 10573

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<400> 10574

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<400> 10577

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<400> 10581

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<400> 10584

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<212> DNA
<213> *Aspergillus nidulans*

<400> 10585

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<400> 10586

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<400> 10587

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 <213> *Aspergillus nidulans*

<400> 10588

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 <212> DNA
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<400> 10591

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<400> 10592

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<212> DNA
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<400> 10593

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 <213> Aspergillus nidulans

<400> 10594

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 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 10595

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 <213> *Aspergillus nidulans*

<400>

10596

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10597

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 10597

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 <211> 1460
 <212> DNA
 <213> Aspergillus nidulans
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 <213> Aspergillus nidulans

 <223> unsure at all n locations
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 <211> 446
 <212> DNA
 <213> Aspergillus nidulans

<400> 10601

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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10603

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 <213> Aspergillus nidulans

<400> 10604

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 <213> *Aspergillus nidulans*

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<400> 10607

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<212> DNA
<213> Aspergillus nidulans

<400> 10608

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<210> 10609

<211> 1967

<212> DNA

<213> Aspergillus nidulans

<400> 10609

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 <213> *Aspergillus nidulans*

<400> 10610

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10611

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 10612

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 <213> *Aspergillus nidulans*

<400> 10613

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<211> 529
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 <213> Aspergillus nidulans

<400> 10614

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 <211> 581
 <212> DNA
 <213> Aspergillus nidulans

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<210> 10616

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 <212> DNA
 <213> Aspergillus nidulans
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 <212> DNA
 <213> Aspergillus nidulans
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<212> DNA
<213> *Aspergillus nidulans*

<400> 10618

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<210> 10620
<211> 572
<212> DNA
<213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

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<400> 10624

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<213> Aspergillus nidulans

<400> 10627

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<212> DNA
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<400> 10629

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<400> 10639
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<400> 10640
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<210> 10641
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10641

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<210> 10642
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10642

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<210> 10643

<211> 448

<212> DNA

<213> *Aspergillus nidulans*

<400> 10643

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<210> 10644

<211> 575

<212> DNA

<213> *Aspergillus nidulans*

<400> 10644

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<210> 10645

<211> 2773

<212> DNA

<213> *Aspergillus nidulans*

<400> 10645

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<210> 10646
<211> 635
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<213> *Aspergillus nidulans*

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<210> 10647
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<212> DNA
<213> *Aspergillus nidulans*

<400> 10647

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<210> 10648
 <211> 639
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10648

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<210> 10649
 <211> 645
 <212> DNA

<213> Aspergillus nidulans

<400> 10649

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<210> 10650

<211> 583

<212> DNA

<213> Aspergillus nidulans

<400> 10650

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<210> 10651
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10651

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<210> 10652
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10652

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<210> 10653
<211> 615
<212> DNA
<213> *Aspergillus nidulans*

<400> 10653

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<210> 10654

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10654

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<210> 10655
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10655

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cgctataatg cgagttgcgg ggtaggttcg acttgtagc tacgactagc gggcataagt 300
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<400> 10657

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 <213> *Aspergillus nidulans*

<400> 10660

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<210> 10663
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10663

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<400> 10664

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876

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<212> DNA
<213> *Aspergillus nidulans*
<400> 10665

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<210> 10666
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 <213> Aspergillus nidulans

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<400> 10676

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<210> 10677
 <211> 621
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10677

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<210> 10678
 <211> 591
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10678

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<210> 10679
 <211> 584
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10679
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<210> 10680
 <211> 1840
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10680

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<210> 10681
<211> 373
<212> DNA
<213> *Aspergillus nidulans*

<400> 10681

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cagaaccacc atacagacta ctaaccgaga ataaaatgca tcccgaagcg aaccatcggc 180
tctagaacca cgactttctc cggactcaga ccctgaataa aagccccag tgccataacg 240
tcaaccact caaaaaccga acttagattt accgaaccac ggattcaaatt gcactagacc 300
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atgaaaacca aac 373

<210> 10682
<211> 637
<212> DNA
<213> *Aspergillus nidulans*

<400> 10682

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<210> 10683
<211> 461
<212> DNA
<213> *Aspergillus nidulans*

<400> 10683
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aaaaggaaaa acaccacaca aaaccataa aaaaaaaca ccaaaaaag atctaaaaaa 240
aaaataaaac atcctaaaaa aaaaacccaa ttaaaaaaa atcaaaacta aaaaaaaca 300
aaaccaaaca aaacccaaac aaacaaaaa aagacaaaa ccaaaaaaa caaaaactca 360
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<210> 10684
<211> 536
<212> DNA
<213> *Aspergillus nidulans*

<400> 10684
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atagatgacc aacctacgac cacaatgcc aactcgtta catccccgcc atgctcgaat 480
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<210> 10685
 <211> 1860
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10685

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<210> 10686
<211> 1125
<212> DNA
<213> *Aspergillus nidulans*

<400> 10686

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<210> 10687
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10687
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<210> 10688
 <211> 597
 <212> DNA

<213> Aspergillus nidulans

<400> 10688

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<210> 10689

<211> 920

<212> DNA

<213> Aspergillus nidulans

<400> 10689

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<210> 10690
<211> 635
<212> DNA
<213> *Aspergillus nidulans*

<400> 10690

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<210> 10691
<211> 547
<212> DNA
<213> *Aspergillus nidulans*

<400> 10691

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<210> 10692
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10692
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 <213> Aspergillus nidulans

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<212> DNA
<213> *Aspergillus nidulans*

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<213> Aspergillus nidulans

<400> 10695

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<213> Aspergillus nidulans

<400> 10696

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<210> 10697
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10697

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582

<210> 10698
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<212> DNA
<213> Aspergillus nidulans

<400> 10698

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<210> 10699
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<212> DNA
<213> Aspergillus nidulans

<400> 10699

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 <213> Aspergillus nidulans
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 <213> *Aspergillus nidulans*

<400> 10701

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<210> 10702
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<213> Aspergillus nidulans

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<210> 10704
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<400> 10704

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 aacccctcaa attttgatca caaggggttt tcctgaaaac aaagcaaca agacacaaca 480
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 10705

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<210> 10706
 <211> 649
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 10707
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10707
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<210> 10708
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10708

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<210> 10709
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 <213> *Aspergillus nidulans*
 <400> 10709

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<210> 10710
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10710
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<210> 10711
 <211> 560
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10711
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<210> 10712
<211> 703
<212> DNA
<213> *Aspergillus nidulans*

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<210> 10713
<211> 540

<212> DNA
<213> Aspergillus nidulans

<400> 10713

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<210> 10714
<211> 1345
<212> DNA
<213> Aspergillus nidulans

<400> 10714

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 <400> 10715

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<210> 10716
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<212> DNA
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 <400> 10716

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<210> 10717
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 10718
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 10719
<211> 364
<212> DNA
<213> Aspergillus nidulans

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<210> 10720
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<212> DNA
<213> Aspergillus nidulans

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<400> 10724

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<400> 10725

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<400> 10726

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<400> 10727

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10728

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<400> 10729

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<212> DNA
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<400> 10730

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<210> 10731
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<212> DNA
<213> Aspergillus nidulans
<400> 10731

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tctcccgtg cg 132

<210> 10732
<211> 445
<212> DNA
<213> Aspergillus nidulans

<400> 10732

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<210> 10733

<211> 1036

<212> DNA

<213> *Aspergillus nidulans*

<400> 10733

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<210> 10734
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<212> DNA
<213> Aspergillus nidulans

<400> 10734

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<210> 10735
<211> 467
<212> DNA
<213> Aspergillus nidulans

<400> 10735

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ttaaacaata tccatcccc tctccagcg tccggtgctg ccacgtcctt ccctcgatc 420

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467

<210> 10736
<211> 2276
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 10736

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<210> 10737
 <211> 217
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10737

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 tattcatttt cccttatatg ttccttcata ttgttat 217

<210> 10738
 <211> 388
 <212> DNA

<213> Aspergillus nidulans

<400> 10738

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<210> 10739

<211> 1493

<212> DNA

<213> Aspergillus nidulans

<400> 10739

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<210> 10740
 <211> 104
 <212> DNA
 <213> Aspergillus nidulans

<400> 10740

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<210> 10741
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10741

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 <211> 1259
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 10742

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<210> 10743
<211> 503
<212> DNA
<213> *Aspergillus nidulans*

<400> 10743

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<210> 10744
 <211> 600
 <212> DNA
 <213> Aspergillus nidulans

<400> 10744

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<400> 10745

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<400> 10746

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<400> 10747

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<400> 10751

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<400> 10755

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<210> 10762

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<213> Aspergillus nidulans

<400> 10762

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<210> 10763

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<212> DNA

<213> Aspergillus nidulans

<400> 10763

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<400> 10764

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 <213> Aspergillus nidulans

<400> 10765

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 <213> Aspergillus nidulans

<400> 10766

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<213> Aspergillus nidulans
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<212> DNA
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 <213> Aspergillus nidulans

<400> 10769

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<400> 10772

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<213> *Aspergillus nidulans*

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<400> 10779

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<400> 10780

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<400> 10786

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<400> 10796

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<400> 10801

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<212> DNA
<213> Aspergillus nidulans

<400> 10804

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 10805

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<211> 493
<212> DNA
<213> Aspergillus nidulans

<400> 10806

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<400> 10807

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<210> 10808
<211> 2845
<212> DNA

<213> Aspergillus nidulans

<400> 10808

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 <213> Aspergillus nidulans
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10810

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<400> 10811

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<210> 10812
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 10812

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<212> DNA
<213> *Aspergillus nidulans*

<400> 10813

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 <212> DNA
 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 10815

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 <213> *Aspergillus nidulans*

<400> 10816

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<213> *Aspergillus nidulans*

<400> 10817

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<210> 10818
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10818

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<400> 10819

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 <212> DNA
 <213> Aspergillus nidulans

<400> 10820

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 <213> Aspergillus nidulans

<400> 10821

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<210> 10822
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<212> DNA
 <213> Aspergillus nidulans
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 <212> DNA
 <213> Aspergillus nidulans

<400> 10823

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